

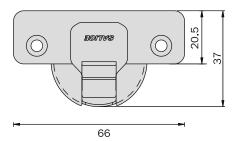
Series 200 hinges

Technical features

The Series 200 make up an integrated system of hinges developed to provide a solution to any situation involving concealed hinges.

Bright nickel plated steel cup and arm.

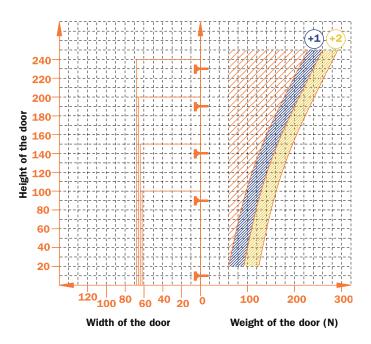
Dimensions of the Ø 35 mm cup.





Constant «L» value of 0,7 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

Drillings and fixings

		48	6 K	<u> </u>	r L	93	9.5	<u> </u>	1	25	5.5	
	94°	110 °	120 °	165 °	94°	110 °	120 °	165 °	94°	110 °	120 °	165 °
Wood screw	A	A	A	A	P	P	P	P	U	U	U	U
Premounted wood screw	M	M		M								
	<u> </u>	80 03 ⁵	6 K			\$8 \$2 \$4	9.5	-		26 si	5.5	
	94°	110 °	120 °	165 °	94°	110 °	120 °	165 °	94°	110 °	120 °	165 °
Rapido	6	6	6	6	7	7	7	7	2	2	2	2
	ı											

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...7A99

Series 200 94°



Technical information

For thick doors up to 32 mm, with special profiles

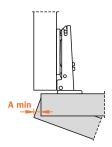
11 mm deep metal cup

94° opening

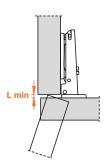
Possible drilling distance on the door (K): from 3 to 8 mm

Compatible with all traditional Series 200 mounting plates and with all ${\rm DOMI}^{\rm @}$ snap-on mounting plates

Space needed to open the door



	T=	16	18	20	22	24	26	28	30	32
K=3	A=	0,4	0,8	1,2	1,7	2,4	3,2	4,5	6,3	8,1
K=4	A=	0,4	0,7	1,2	1,7	2,3	3,1	4,2	5,6	7,5
K=5	A=	0,4	0,7	1,1	1,6	2,3	3,0	3,9	5,3	7,0
K=6	A=	0,4	0,7	1,1	1,6	2,2	2,9	3,8	5,0	6,5
K=7	A=	0,4	0,7	1,1	1,6	2,1	2,8	3,7	4,7	6,1
K=8	A=	0,4	0,7	1,1	1,5	2,1	2,8	3,6	4,5	5,8

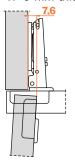


K=	3	4	5	6	7	8
L=	0,0	0,0	0,0	0,0	0,1	1,1

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

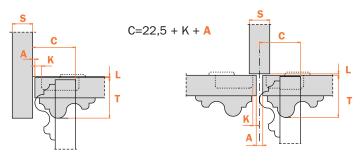
Projection of the door

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.

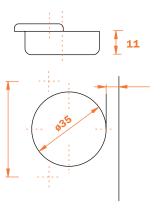


Series 200 94°

Packing

Boxes 300 pcs. Pallets 7200 pcs.

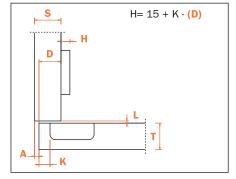
CA sprung hinge **CL** unsprung hinge Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.



CA C2...7A99 **CL** C2...5A99

Arm 0

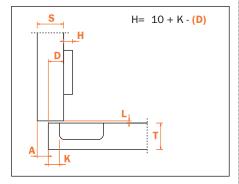




CA C2...7D99 **CL** C2...5D99

Arm 5

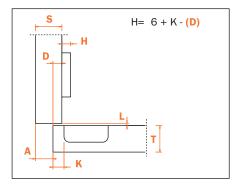




CA C2...7G99 CL C2...5G99

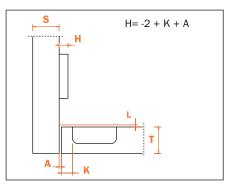
Arm 9





Arm **17**





CA C2...7P99 CL C2...5P99

Series 200 110°



Technical information

When a greater opening angle is required.

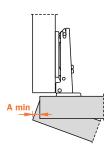
11 mm deep metal cup

110° opening

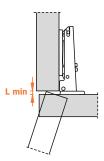
Possible drilling distance on the door (K): from 3 to 6 mm

Compatible with all traditional Series 200 mounting plates and with all $\rm DOMI^{\$}$ snap-on mounting plates

Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0,5	0,7	0,9	1,2	1,5	1,8	2,4	3,7	5,1	6,5	7,8
K=4	A =	0,5	0,7	0,9	1,2	1,5	1,8	2,1	2,7	4,1	5,5	6,8
K=5	A=	0,5	0,7	0,9	1,2	1,5	1,8	2,1	2,6	3,1	4,1	5,4
K=6	A=	0,5	0,7	0,9	1,2	1,5	1,8	2,1	2,5	3,0	3,5	4,4

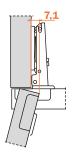


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0,0	0,0	0,0	0,0	0,2	0,5	0,8	1,1	1,4	1,7	1,9
K=4	L=	0,0	0,0	0,3	0,6	0,9	1,2	1,4	1,7	2,0	2,3	2,6
K=5	L=	1,1	1,3	1,6	1,8	2,1	2,3	2,6	2,9	3,1	3,4	3,6
K=6	L=	2,0	2,3	2,5	2,8	3,1	3,3	3,6	3,8	4,1	4,3	4,6

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

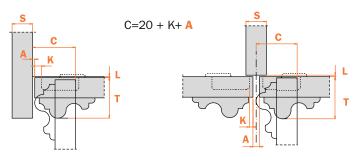
Projection of the door

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.



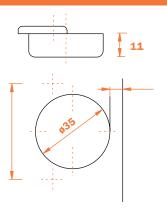
Series 200 110°

Packing

Boxes 300 pcs. Pallets 7200 pcs.

CA sprung hinge **CL** unsprung hinge

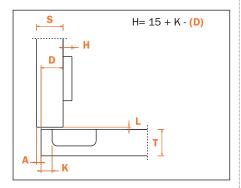
Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.



CA C2...6A99 CL C2...4A99

Arm 0

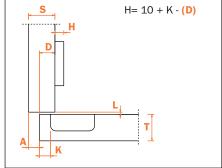




CA C2...6D99 **CL** C2...4D99

Arm 5

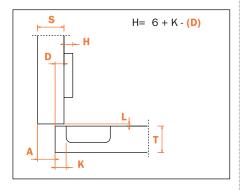




CA C2...6G99 CL C2...4G99

Arm 9

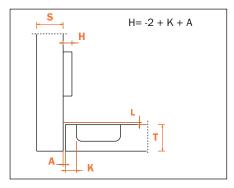




CA C2...6P99 **CL** C2...4P99

Arm **17**





Series 200 120°



Technical information

When a greater opening angle is required.

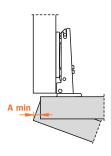
11 mm deep metal cup

120° opening

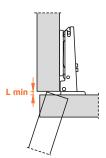
Possible drilling distance on the door (K): from 3 to 6 mm

Compatible with all traditional Series 200 mounting plates and with all DOMI® snap-on mounting plates

Space needed to open the door



	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	1,0	1,3	1,6	1,9	2,2	3,5	5,0	6,5	8,1	9,6	11,2
K=4	A=	1,0	1,3	1,5	1,9	2,2	2,5	4,0	5,5	7,1	8,6	10,2
K=5	A=	1,0	1,2	1,5	1,8	2,1	2,5	3,0	4,5	6,1	7,6	9,2
K=6	A=	1,0	1,2	1,5	1,8	2,1	2,4	2,8	3,5	5,1	6,6	8,1

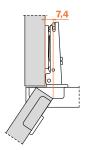


	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0,0	0,0	0,0	0,0	0,1	0,5	0,9	1,3	1,7	2,1	2,5
K=4	L=	0,0	0,0	0,2	0,6	1,0	1,4	1,8	2,2	2,6	3,1	3,5
K=5	L=	0,3	0,7	1,1	1,5	1,9	2,3	2,8	3,2	3,6	4,0	4,4
K=6	L=	1,2	1,6	2,0	2,4	2,8	3,3	3,7	4,1	4,5	4,9	5,3

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

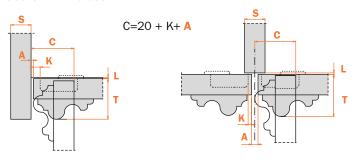
Projection of the door

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.

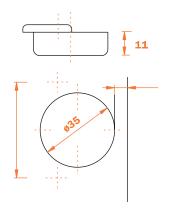


Series 200 120°

Packing

Boxes 300 pcs. Pallets 7200 pcs.

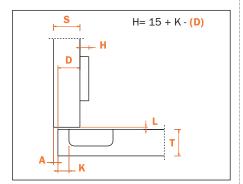
CA sprung hinge **CL** unsprung hinge Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.



CA C2...9A99 CL C2...8A99

Arm 0





CA C2...9D99 CL C2...8D99

Arm 5

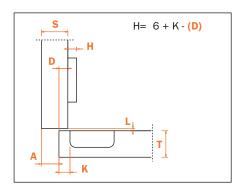


H = 10 + K - (D)

CA C2...9G99 CL C2...8G99

Arm 9





Series 200 165°



Technical information

Hinge with greater opening angle and reduced operating profile

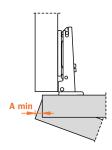
11 mm deep die-cast cup

165° opening

Possible drilling distance on the door (K): from 3 to 8 mm

Compatible with all traditional Series 200 mounting plates and with all $\rm DOMI^{9}\,snap\text{-}on$ mounting plates

Space needed to open the door

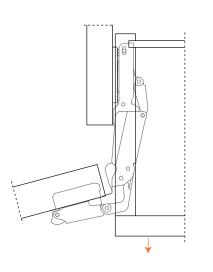


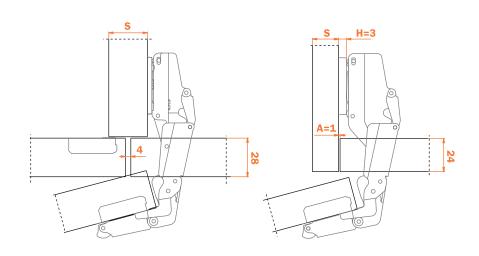
	T=	16	18	20	22	24	26	28
K=3	A=	0,0	0,0	0,0	0,7	2,7	4,6	7,9
K=4	A =	0,0	0,0	0,0	0,1	1,8	3,8	6,9
K=5	A=	0,0	0,0	0,0	0,1	1,2	3,0	5,9
K=6	A =	0,0	0,0	0,0	0,1	0,9	2,5	4,9
K=7	A=	0,0	0,0	0,0	0,1	0,7	2,0	3,9
K=8	A=	0,0	0,0	0,0	0,1	0,6	1,7	3,2

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

For spaces with removable components. Opening with lateral door protrusion equal to 5,5 mm with a hinge with straight arm, H=0 mounting plate and K=3 mm.





Series 200 165°

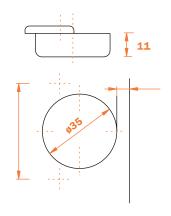
Packing

Boxes 100 pcs. Pallets 2400 pcs.

CA sprung hingeCL unsprung hinge

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.

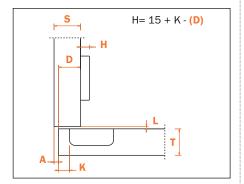
To limit the opening of the hinge, see page 203 chapter "Accessories".



CA C2...FA99 **CL** C2...EA99

Arm 0

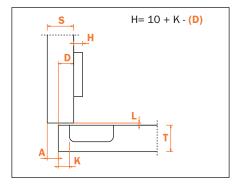




CA C2...FD99 **CL** C2...ED99

Arm 5

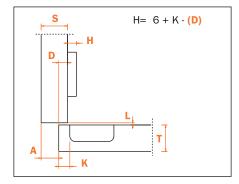




CA C2...FG99 **CL** C2...EG99

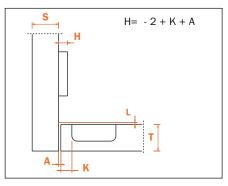
Arm 9





Arm **17**





CA C2...FP99 **CL** C2...EP99

Series 200 155°



Technical information

Hinges for doors with min. 10 mm thickness

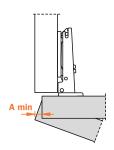
8 mm deep die-cast cup

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 $\rm DOMI^{\$}$ snap-on mounting plates

Space needed to open the door

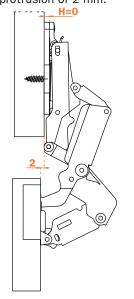


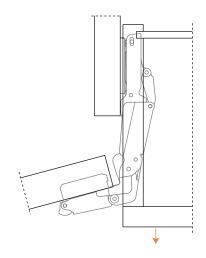
	T=	16	18	20	22
K=3	A=	0,0	0,0	0,3	1,2
K=4	A=	0,0	0,4	0,4	1,3
K=5	A=	0,0	0,1	0,5	1,6
K=6	A=	0,0	0,1	1,2	3
K=7	A=	0,0	0,1	0,7	2,5
K=8	A =	0,0	0,0	0,6	1,9

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

For spaces with removable components. The door combined with a mounting plate H=0 opens at 90° with lateral door protrusion of 2 mm.





Series 200 155°

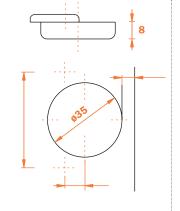
Packing

Boxes 100 pcs. Pallets 2400 pcs.

CA sprung hinge

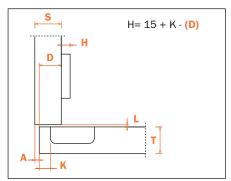
Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

To limit the opening of the hinge, see page 203 chapter "Accessories".



CA C1...MA99





For glass doors



Technical information

Hole diameter 26 mm

94° opening

For use with glass from 4 mm to 6 mm thickness

Possible drilling distance on the door (K): from 5,5 to 6,5 mm

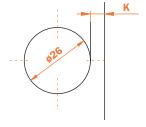
Compatible with all traditional Series 200 mounting plates and with all DOMI® snap-on mounting plates

Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge

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.



Arm 0

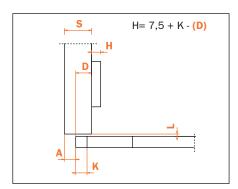


H= 12,5 + K - (D)

CA C2C7A39

Arm 5





CA C2C7D39

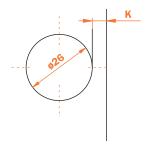
For glass doors

Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge

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.



Arm 9

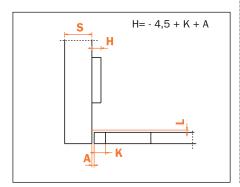


H= 3,5+ K - (D)

CA C2C7G39

Arm **17**





CA C2C7P39

Fancy cover See chapter "Accessories" at page 204 for the available finishes









For glass doors with angled assembly

Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge

The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.

Technical information

Hole diameter 26 mm

94° opening

For use with glass from 4 mm to 6 mm thickness

Possible drilling distance on the door (K): from 5,5 to 6,5 mm $\,$

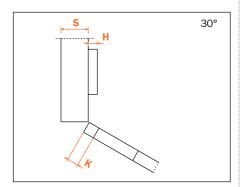
Compatible with all Series 200 traditional mounting plates and with all Domi® snap-on mounting plates

CA C2C7E39



Arm **30°**

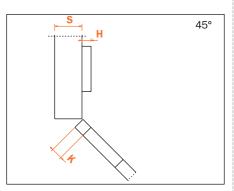




CA C2C7M39

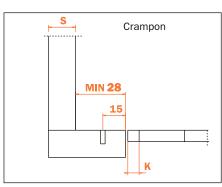






Crampon

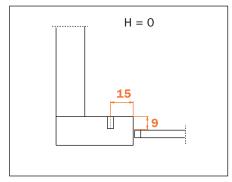


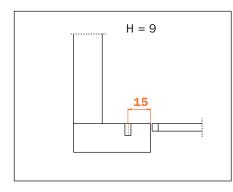


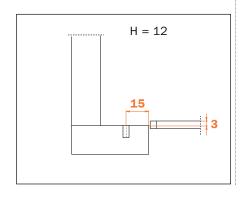
CA C2C7N39

To be used only with Series 200 mounting plates for traditional assembly and drilling 28x32 mm.

Applications with doors set at any angle between $-7,5^{\circ}$ to $+70^{\circ}$ are possible by combining the appropriate hinge and mounting plate.







For wooden doors with negative angled assembly



Technical information

11 mm deep metal cup

120° opening

Possible drilling distance on the door (K): from 3 to 6 mm

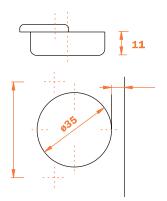
Compatible with all traditional Series 200 mounting plates and with all Domi® snap-on mounting plates

Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge

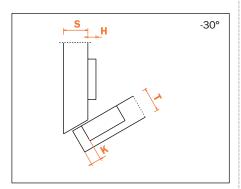
The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.



CA C2...7W99

Arm -30°

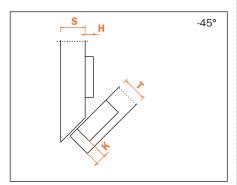












For wooden doors with positive angled assembly



Technical information

11 mm deep metal cup

94° opening

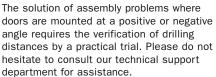
Possible drilling distance on the door (K): from 3 to 8 mm

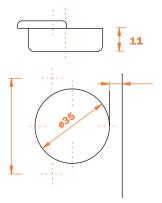
Compatible with all traditional Series 200 mounting plates and with all ${\sf DOMI}^{\scriptsize @}$ snap-on mounting plates

Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge

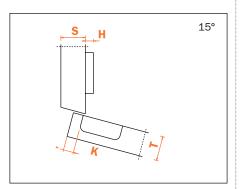




CA C2...7Z99

Arm **15°**

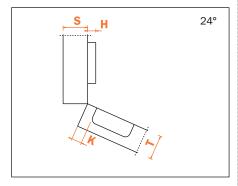




CA C2...7U99

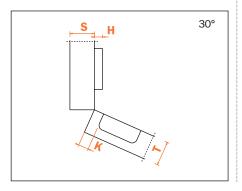
Arm **24°**





Arm **30°**



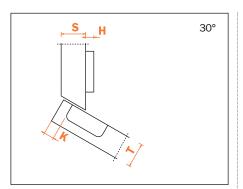


CA C2...7E99

For wooden doors with positive angled assembly

Arm 30°

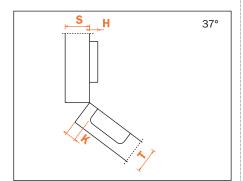




CA C2...7T99

Arm **37°**

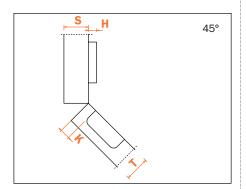




CA C2...7K99

Arm **45°**

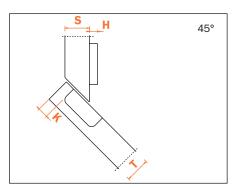




CA C2...7M99

Arm **45°**

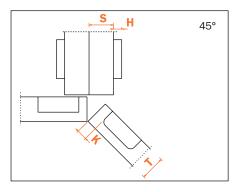




CA C2...7V99

Arm **45°**





CA C2...7M99AC

Crampon hinges - For cabinet sides with 37x32 mm standard drilling



Technical information

11 mm deep metal cup

94° opening

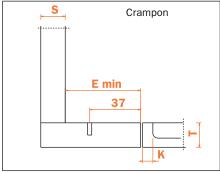
Possible drilling distance on the door (K): from 3 to 8 mm

Compatible with all traditional Series 200 mounting plates and with all DOMI® snap-on mounting plates

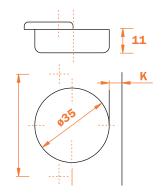
Packing Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge





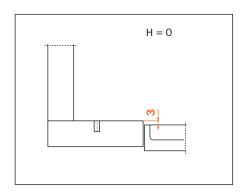
Heights of mounting plates for every assembly

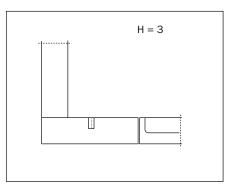


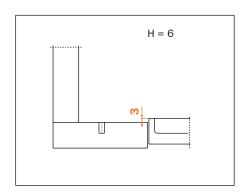
CA C2...7N99AC

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







Crampon hinges - For smaller spaces with 15x32 mm drilling



Technical information

11 mm deep metal cup

94° opening

Possible drilling distance on the door (K): from 3 to 8 mm

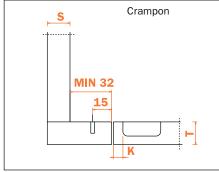
Compatible with all traditional Series 200 mounting plates, 28x32 mm drilling.

NOT COMPATIBLE with DOMI® snap-on mounting plates

Packing Boxes 150 pcs. Pallets 3600 pcs.

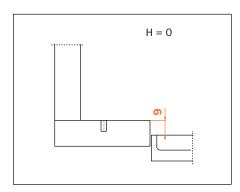
CA sprung hinge

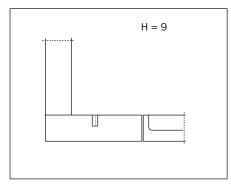


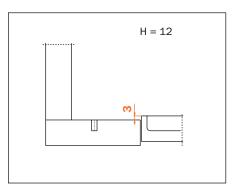


CA C2...7N99

Heights of mounting plates for every assembly







Long crampon



Technical information

11 mm deep metal cup

110° opening

Possible drilling distance on the door (K): from 3 to 6 mm

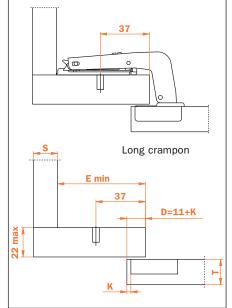
Compatible with all traditional Series 200 mounting plates and with all DOMI® snap-on mounting plates

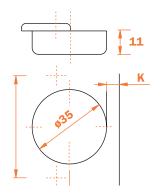
Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge



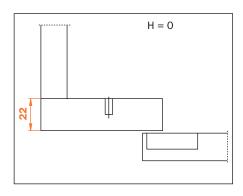


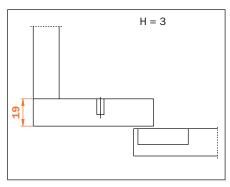


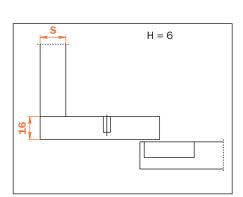
CA C2...6N99AM

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

Heights of mounting plates for every assembly







For fridge doors



Technical information

11 mm deep metal cup

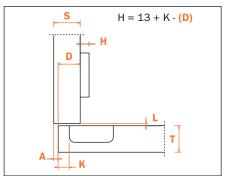
94° opening

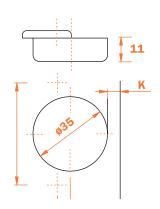
Possible drilling distance on the door (K): from 3 to 8 mm Compatible with all traditional Series 200 mounting plates. NOT COMPATIBLE with DOMI® snap-on mounting plates

Packing Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge



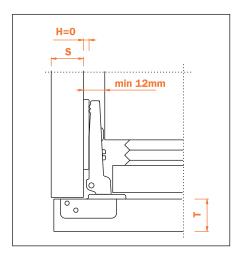




CA C2...7F99







For corner cabinets



Technical information

11 mm deep die-cast cup

35 mm cup diameter

Opening angle of the first door 70°

Possible drilling distance on the door (K): from 3 to 6 mm

Maximum thickness of the door with square edges: 23 mm. For thicker doors or doors with mouldings or with large radiussed edges, please refer to our technical assistance.

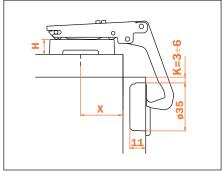
Compatible with all traditional Series 200 mounting plates and with all DOMI® snap-on mounting plates

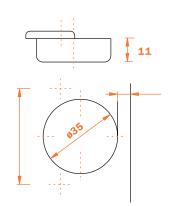
Packing

Boxes 150 pcs. Pallets 3600 pcs.

CA sprung hinge







CA C2...YA99

Use the tables "Drillings and fixings" at page 29 to complete the code number of the desired hinge.

Use these formulas to determine the height of mounting plate and drilling distance.

Drilling distance: cruciform mounting plates = 47 - T **Drilling distance:**

longitudinal mounting plates = (31 - T) + 32 The mounting plate heights that are

T= Thickness of the door with square edges

H*= 26 - T - K

not standard are obtained with the mounting plate of lower height

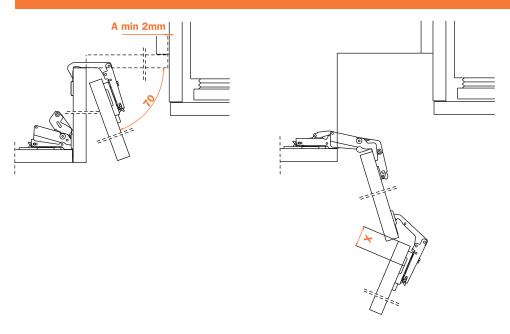
+ sideways adjustment.

Examples with doors with square edges

Т	K	Х	X	Н
20	5	47 - 20 = 27 mm	31 - 20 = 11 + 32 mm	26 - 20 - 5 = 1 mm
16	6	47 - 16 = 31 mm	31 - 16 = 15 + 32 mm	26 - 16 - 6 = 4 mm
19	3	47 - 19 = 28 mm	31 - 19 = 12 + 32 mm	26 - 19 - 3 = 3 mm
18	4	47 - 18 = 29 mm	31 - 18 = 13 + 32 mm	26 - 18 - 4 = 5 (H = 4+1 mm adjustment)

For corner cabinets

C2AYA99 hinge movement and maximum opening width



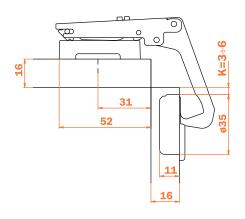
Space required to accomodate the hinge

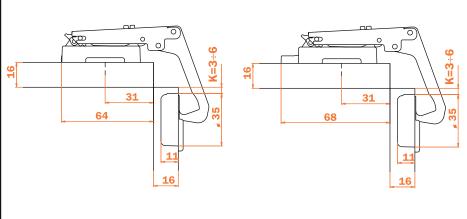
With Series 200 mounting plates

The maximum space required to accommodate the hinge is 52 mm with 16 mm thick doors. With thicker doors the amount of space required is reduced.

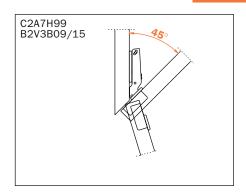
With DOMI® snap-on mounting plates

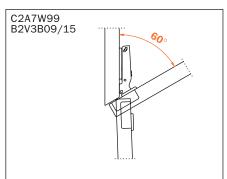
The maximum space required to accommodate the hinge with 16 mm thick doors is 64 mm with DOMI® mounting plates and 68 mm with mounting plates with back cam. With thicker doors the amount of space required is reduced.

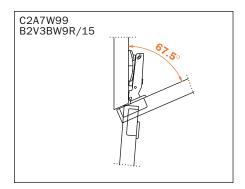


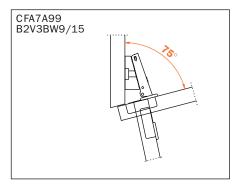


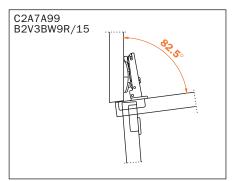
Special angled assemblies

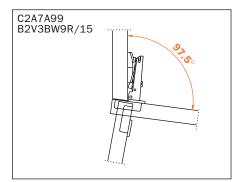


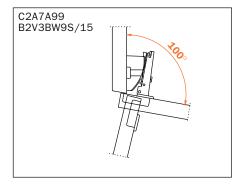


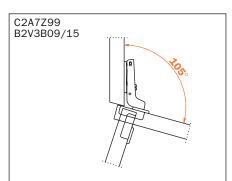


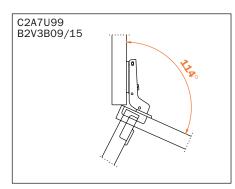


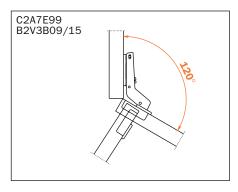


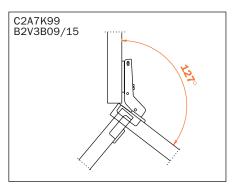


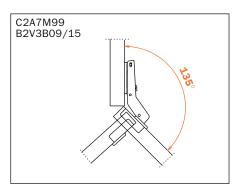


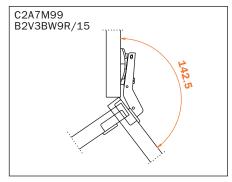


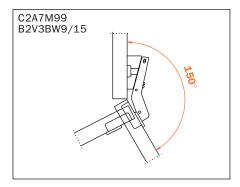


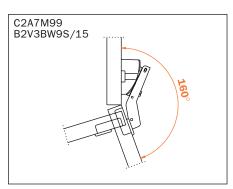










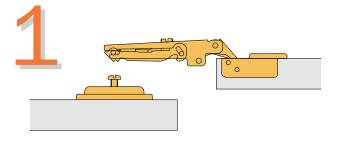


Assembly instructions

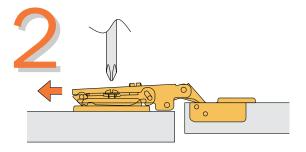
Traditional assembly with Series 200 mounting plates

Assembly with DOMI® snap-on mounting plates

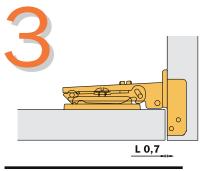
Place the hinge onto the mounting plate. Push the hinge up to the pre-determined stop under the hinge arm.



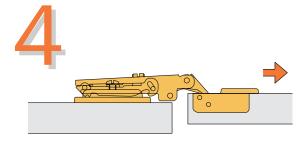
Tighten the fixing screw.

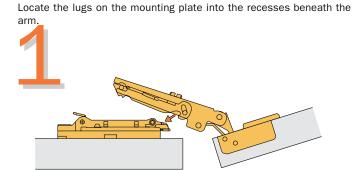


An «L» value of 0,7 mm between door and cabinet side is achieved on final assembly.

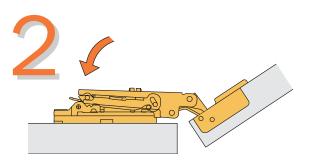


«Key hole» safety feature.

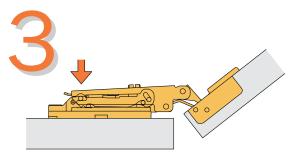




Gently rotate the door in the direction shown.



Then press lightly on the end of the arm to secure the catch.



To remove the hinge from the mounting plate, press gently in the places shown by the arrows.

