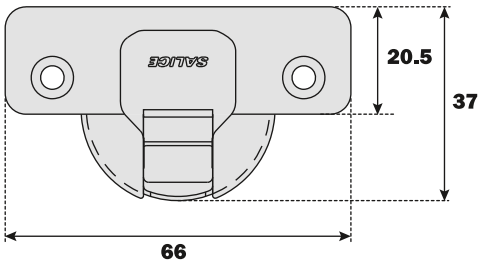
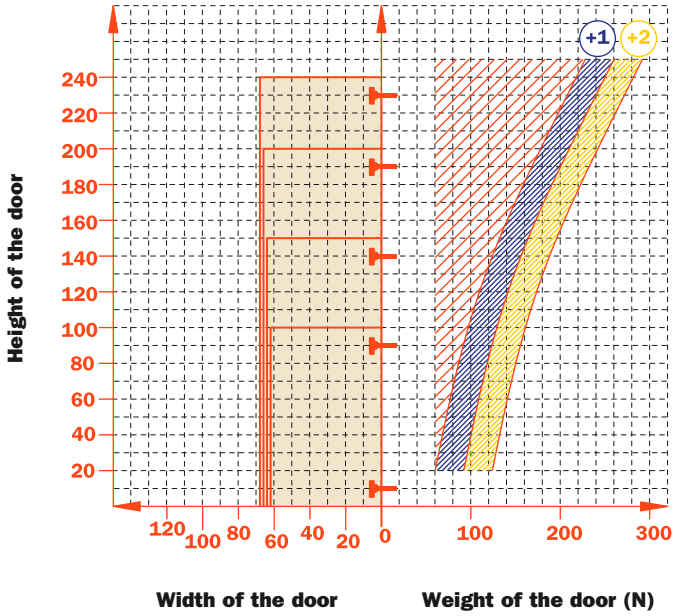
Series 300

Hinges with a small operating profile
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.



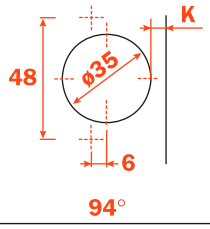
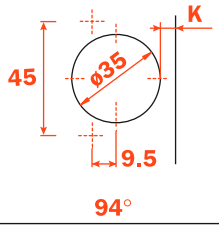
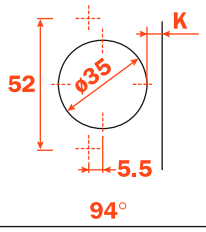
Adjustments

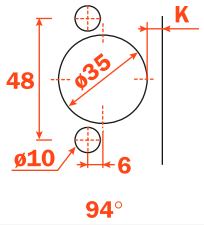
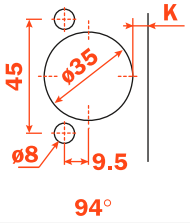
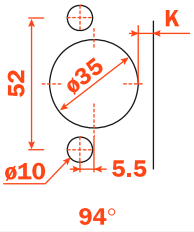
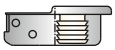
Compensating side adjustment from -1.5 mm to +3 mm.
Height adjustment ±1.5 mm by cam.
Depth adjustment with Series 300 mounting plates +2.8 mm.
Anti-sliding safety stop.

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.

			
Wood screw	**A**	**P**	**U**

			
Dowel 	**B**	**R**	**W**

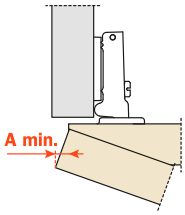
Use this table to identify the available drillings and fixings.
Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C3_BA99.

Fill this position with the chosen letter or number.

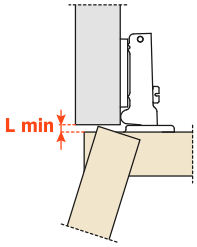
Technical information

Hinges with just 45 mm operating profile
11 mm deep metal 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	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

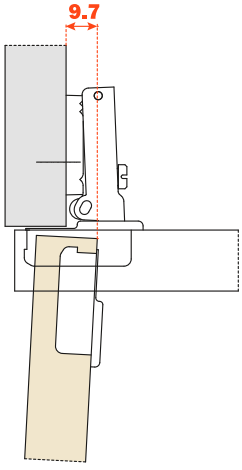


K=	3	4	5	6	7	8	9
L=	0.0	0.0	0.0	0.0	0.0	0.3	1.3

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

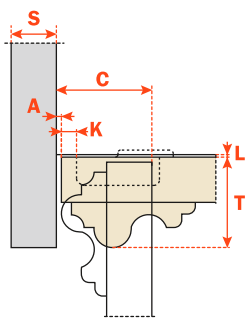
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

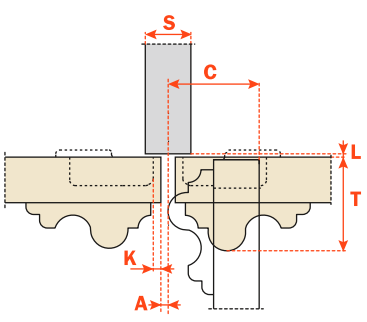


"C" value

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**



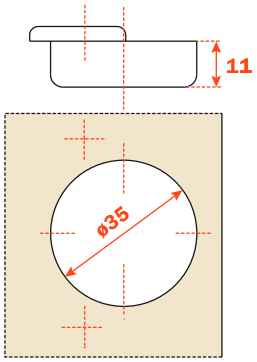


Packing
Boxes 300 pcs.
Pallets 7.200 pcs.

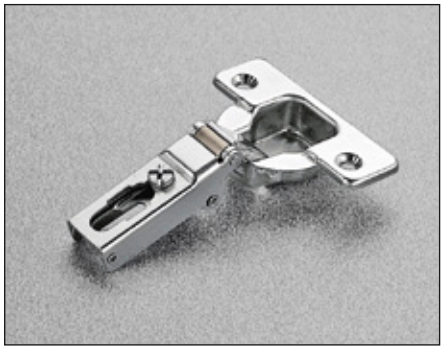
CA sprung hinge

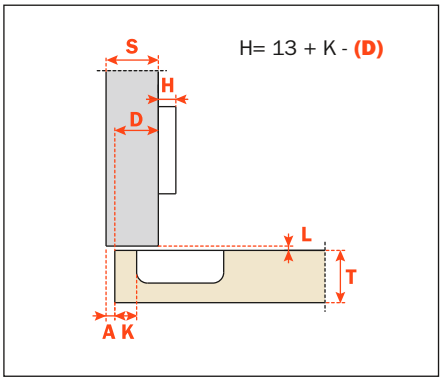
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.

Use the tables “Drillings and fixings” at page 119 to complete the code number of the desired hinge.



Arm **0**





H= 13 + K - **(D)**

CA - C3_BA99