

## Lapis • Silentia+ • Series 200 for thicker doors • 94° opening



### Technical information

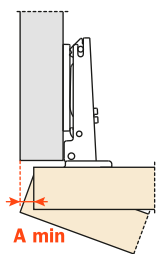
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Hinges for min. 18 mm thick doors.  
15.5 mm deep cup.

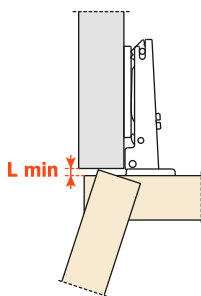
94° opening.  
Possible drilling distance on the door (K): from 3 to 9 mm.

Adaptable only with longitudinal Domi snap-on mounting plates (BAP).

### 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 <b>A=</b>	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 <b>A=</b>	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 <b>A=</b>	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 <b>A=</b>	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 <b>A=</b>	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 <b>A=</b>	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 <b>A=</b>	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
<b>L=</b>	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

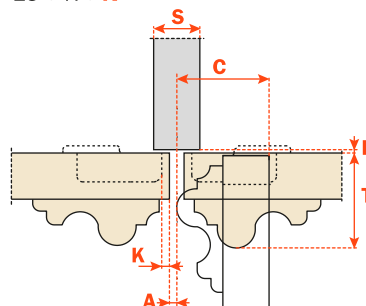
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.



### “C” value

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

$$C = 23 + K + A$$

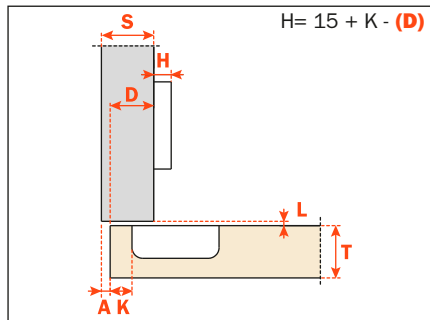


## Packing

Boxes 300 pcs. • Pallets 7.200 pcs.

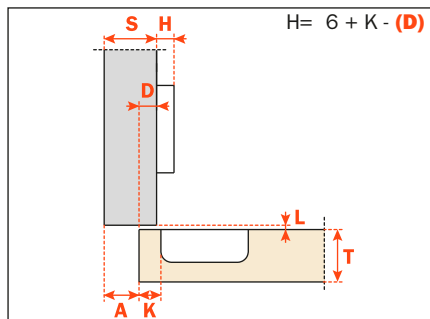
Use these formulas to determine the type of hinge arm, the drilling distance “K” and the height of the mounting plate “H” which is necessary to solve each application problem.

Arm 0



**C21BAE9**

Arm 9



**C21BGE9**

