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

Technical information

Hinges with adjustable integrated soft-close mechanism operated by fluid 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 In-Line Domi snap-on mounting plates (BAP).

Space needed to open the door
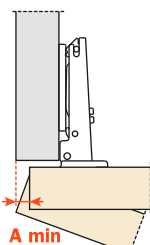
	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.6	3.5	4.5	5.4	6.4	7.4	8.3	9.3
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.6
K=5	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	2.2	3.1	4.1	5.0	5.9	6.9	7.8
K=6	A=	0.1	0.2	0.3	0.4	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
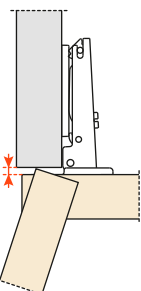
K	3	4	5	6	7	8	9
L=	0.0	0.0	0.0	0.0	0.0	0.3	1.3

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

A min

L min

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.

7,6

"C" value

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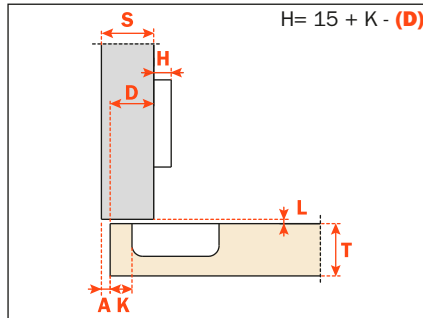
S

C

L

T

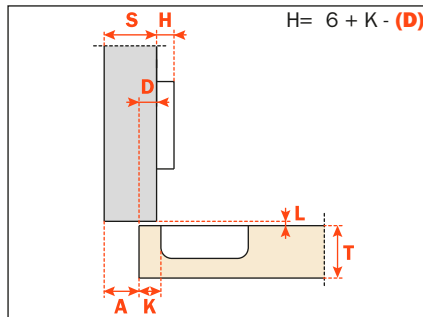K

A
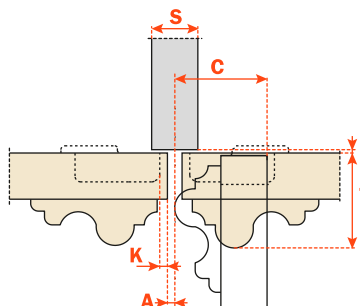
Packing
Boxes 300 pcs. · Pallets 7.200 pcs.

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** Straight Arm

$$H= 15 + K - (D)$$

C21BAE9

Arm **9** Half overlay

$$H= 6 + K - (D)$$

C21BGE9

21

24

ø35

15.5

21B

30°

10°