

Silentia+ • 100 Series for small or light doors

Technical features

Integrated soft close by means of twin fluid dampers

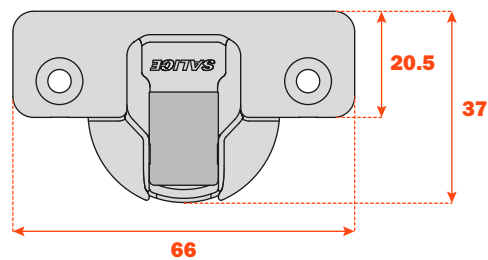
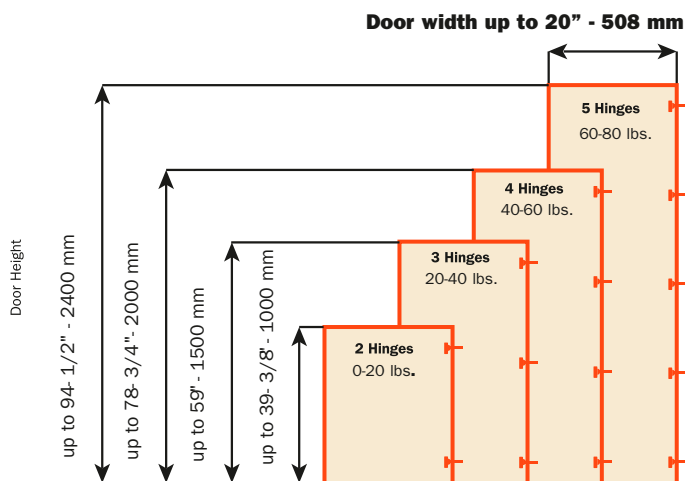
- Adjustment switch to set a comfortable soft close action
- Impervious to temperature extremes
- Very smooth opening with minimal resistance
- Patented compensating parallel side adjustment
- Available in all Salice fixing types (Screw, Dowel, Rapido, Logica)
- Available in Nickel or Titanium finish
- Exceeds ANSI/BHMA standards A156.9-2020

Constant "L" value of 1.5 mm (it does not change during side adjustment).

The number of hinges required depends on the size, weight and material of the door.

The distance between the top and bottom of the door must be greater than the width of the door.

Additional hinges should be added if doors are near the border of the line of size or weight chart. Use the diagram below to determine the number of hinges.



Adjustments

Parallel side adjustment from -1.5 mm to +4.5 mm.

Height adjustment ± 2 mm

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

Depth adjustment with 200 Series mounting plates +2.8 mm.

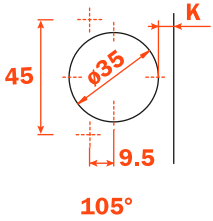

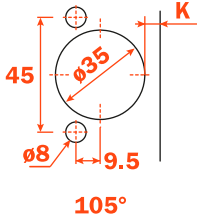


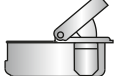
Mounting plates

Snap-on assembly on Domi mounting plates.

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

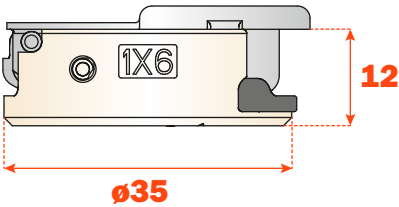
Note: Use No. 2 Pozi drive screwdrivers for all adjustments.

Drilling and attachment

	
Wood screw	 P
	
Dowel	 R
Rapido	 7
Logica	 J

Use this table to identify the available attachment options to the door.
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.



105° opening
and complementary hinges

Silentia+ • 100 Series • 105° opening



Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin fluid dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch. Minimum 15 mm / maximum 20 mm door thickness.

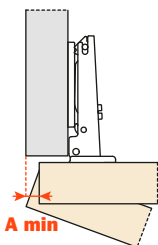
Hinges for small/light door material or heavy front profiles 12 mm deep cup.

105° opening.

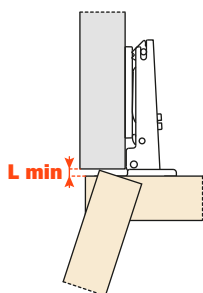
Possible drilling distance on the door (K): from 3 to 6 mm.

Compatible with all traditional 200 Series 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

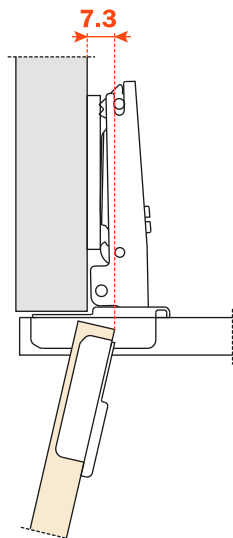


T=	15	16	17	18	19	20
K=3 L=	0.0	0.0	0.0	0.0	0.1	0.3
K=4 L=	0.4	0.6	0.7	0.9	1.1	1.2
K=5 L=	1.0	1.0	1.2	1.8	2.0	2.0
K=6 L=	1.6	1.8	2.0	2.1	2.3	2.5

The above values are calculated on doors with a 1 mm radius. They are reduced if the doors have greater radiussed edges.

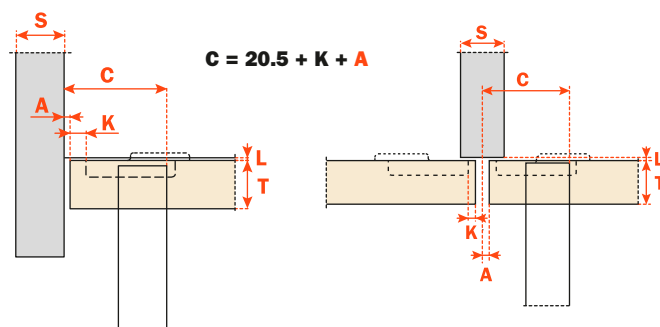
Protrusion of the door

Protrusion 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 cabinet sides, doors or walls, while bearing in mind the above L·K·T values.



Abbreviations:

S = Thickness of the cabinet side	A = Reveal
D = Required door overlay	L = Gap between the door and cabinet
T = Door thickness	H = Height of the mounting plate
K = Drilling distance	G = Hinge constant

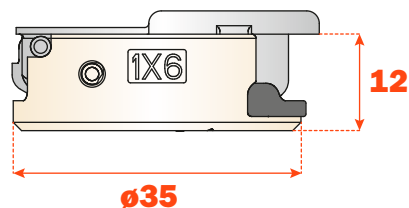
Packing • Boxes 300 pcs. • Pallets 7.200 pcs.

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.

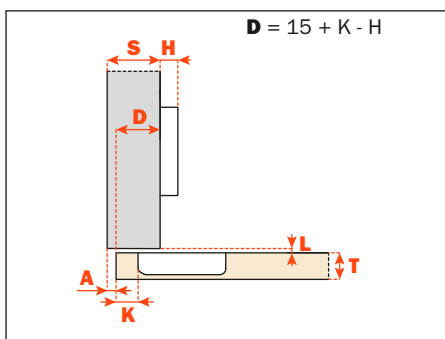
Use the tables "Drilling and attachment" at page 11 to complete the code number of the desired hinge.

To limit the opening of the hinge, see page 63, chapter "Accessories".

***Check with your Salice sales representative or customer service for specific Titanium availability.**

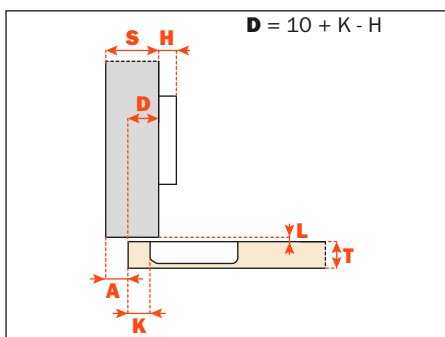


Full overlay/ A crank - 0 mm



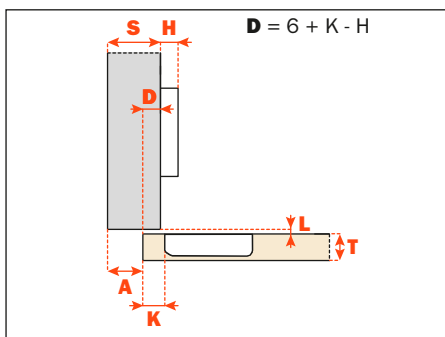
Attachment	Nickel	Titanium
Wood screw	C1P6AE9	C1P6AE6
Dowel	C1R6AE9	C1R6AE6
Rapido	C176AE9	-
Logica	C1J6AE9	-

1/2" overlay/ D crank - 5 mm



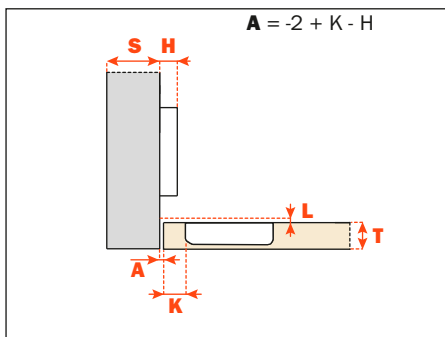
Attachment	Nickel	Titanium
Wood screw	C1P6DE9	C1P6DE6
Dowel	C1R6DE9	C1R6DE6
Rapido	C176DE9	-
Logica	C1J6DE9	-

Half overlay/ G crank - 9 mm



Attachment	Nickel	Titanium
Wood screw	C1P6GE9	C1P6GE6
Dowel	C1R6GE9	C1R6GE6
Rapido	C176GE9	-
Logica	C1J6GE9	-

Inset/ P crank - 17 mm



Attachment	Nickel	Titanium
Wood screw	C1P6PE9	C1P6PE6
Dowel	C1R6PE9	C1R6PE6
Rapido	C176PE9	-
Logica	C1J6PE9	-