



**Silentia+** • Series 300  
**Series 300**

***SALICE***



# Silentia+

The state of the soft-close art.

Silentia+ allows a perfect and constant closing of the door in any condition, use and application.

The innovative soft-close technology guarantees excellent performances to the complete range of hinges.

Silentia+ includes numerous technological elements in the required spaces and maintains the aesthetics of the hinges of the first generation.



## Silentia+

### Second generation

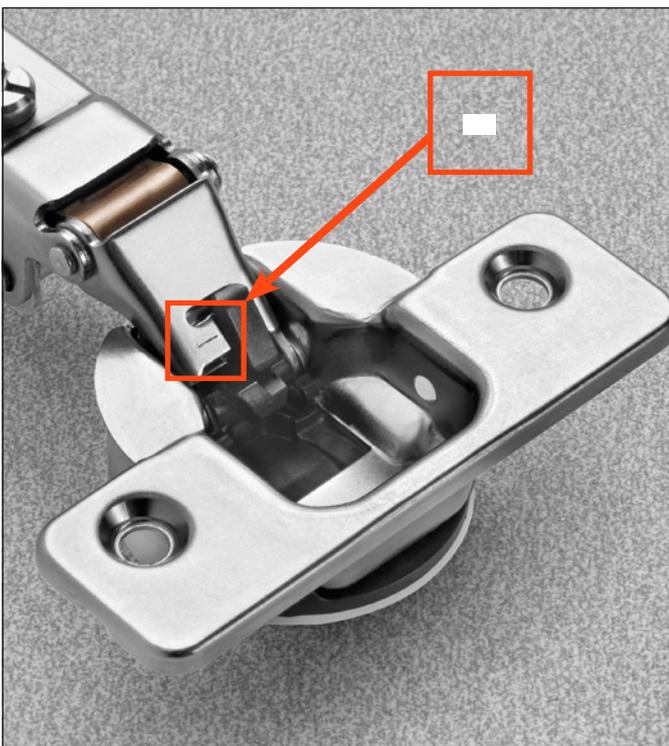
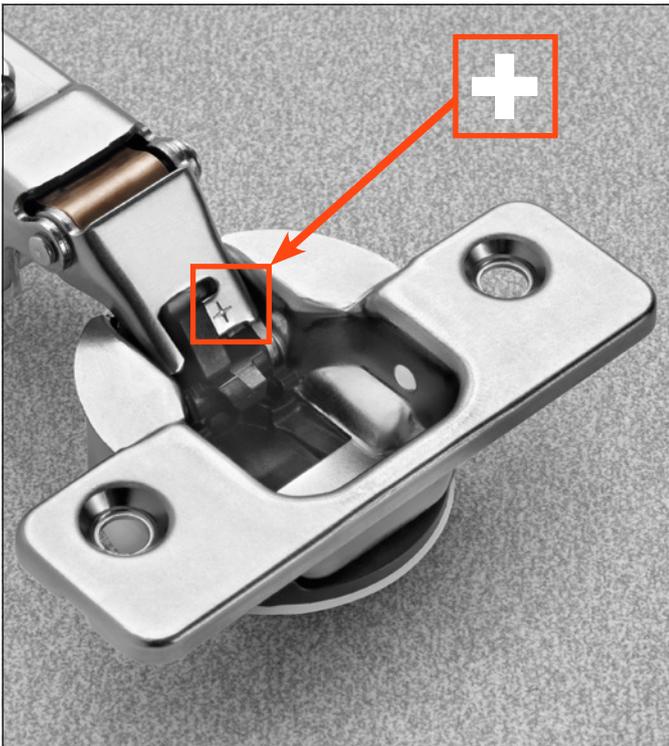
Integrated soft-close technology with two silicone oil dampers.

The two integrated dampers guarantee an exceptional regularity of the decelerating strength providing a perfect closing to any kind of door and condition.



## Ever-optimal soft-close action

Silentia+ is also equipped with the innovative switch to delay the decelerating action. The activation of this switch allows, even to special doors, to obtain the ideal decelerating strength.







**Silentia+** • Series 300



# Silentia+ • Series 300 • Technical features

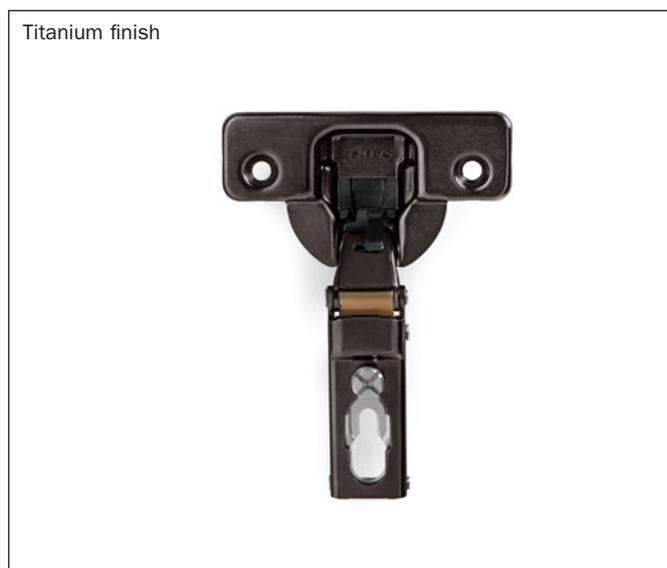
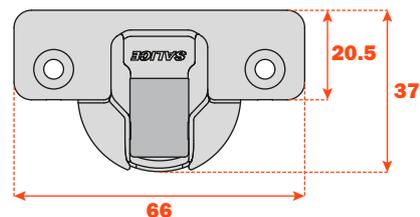
**Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.**

**The decelerating effect is adjusted by using a simple switch.**

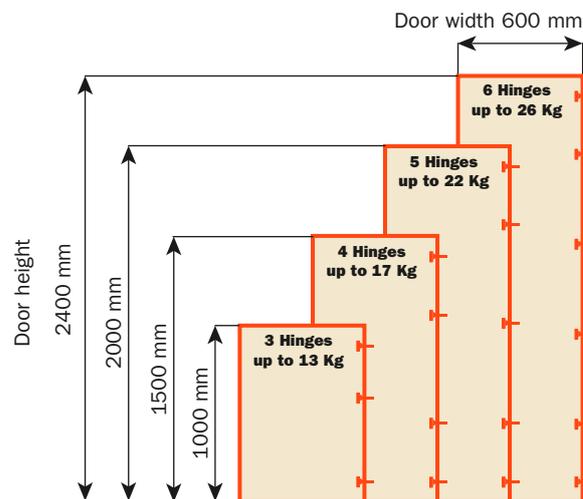
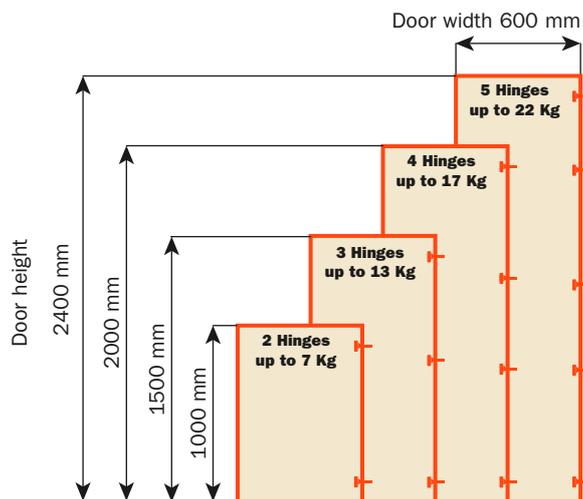
**Dimensions of the Ø 35 mm cup.**

All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

Esempio: C2ABAE9 = nickel-plated  
C2ABAE6 = titanium



## Approx. number of hinges required according to the door dimension and weight.



## Adjustments

Compensated side adjustment from -1.5 mm to +4.5 mm, constant "L" value of 1.3 mm (it does not change during side adjustment).  
Height adjustment  $\pm 2$  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

Asymmetrical bright nickel plated or titanium finish die-cast Series 300 mounting plates.  
Positioning with pre-determined stop.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

**Silentia** • Series 300 • 94° opening



**Technical information**

Hinges for min. 18 mm thick doors.

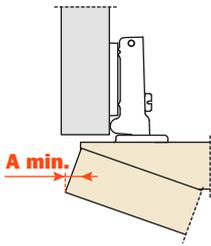
15.5 mm deep cup.

94° opening.

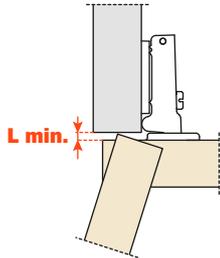
Possible drilling distance on the door (K): from 3 to 9 mm.

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 <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

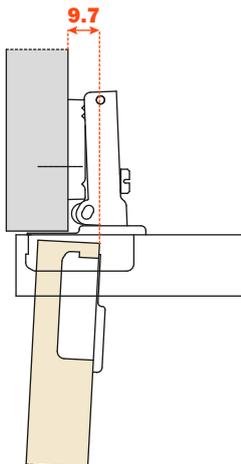


K=	3	4	5	6	7	8	9
<b>L=</b>	0.0	0.0	0.0	0.0	0.0	0.3	1.3

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

**Projection of the door**

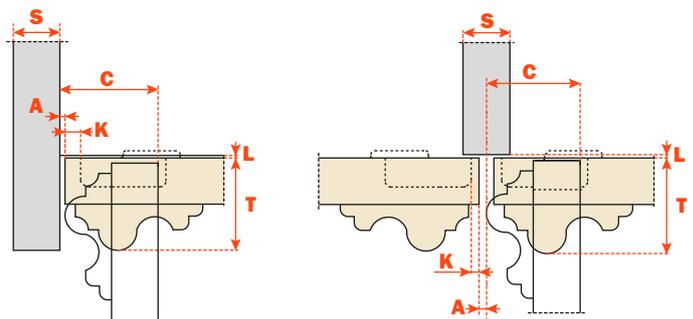
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.



**“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.

$$C = 22.5 + K + A$$



**Packing Nickel-plated finish**

Boxes 300 pcs. • Pallets 7.200 pcs.

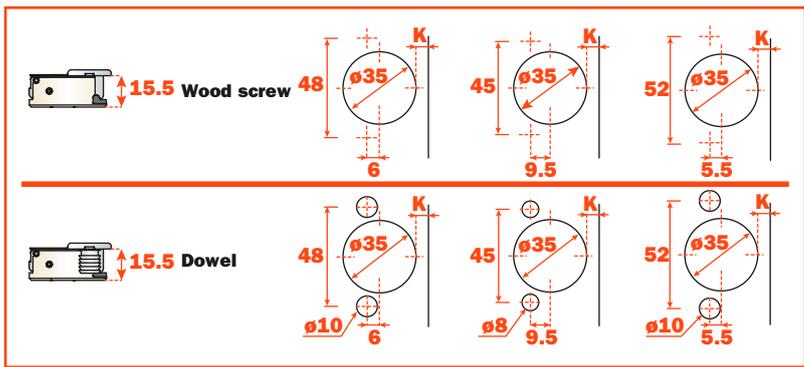
**Packing Titanium finish**

Check with the sales office for the minimum order quantity

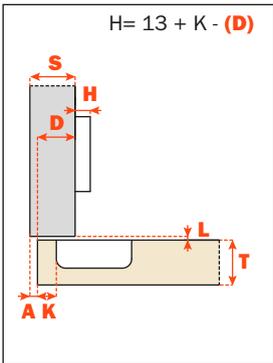
All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

Esempio: C3ABAE9 = nickel-plated  
C3ABAE6 = titanium

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



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C3ABAE9	C3PBAE9	C3UBAE9			
	Dowel	C3BBAE9	C3RBAE9	C3WBAE9			





## **Series 300**

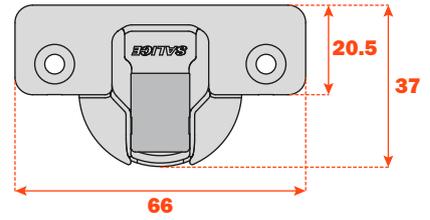


## Series 300 • Technical features

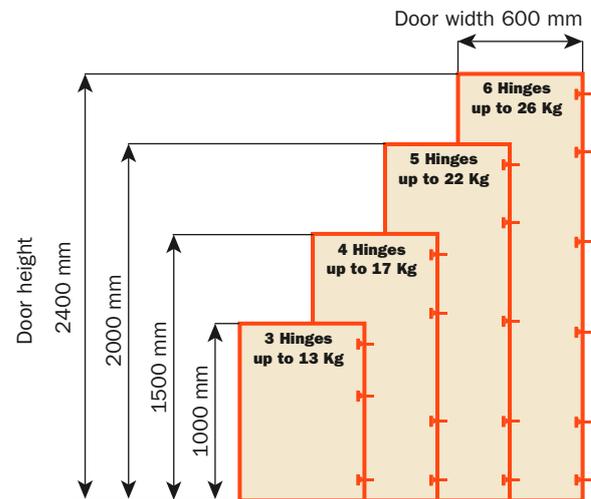
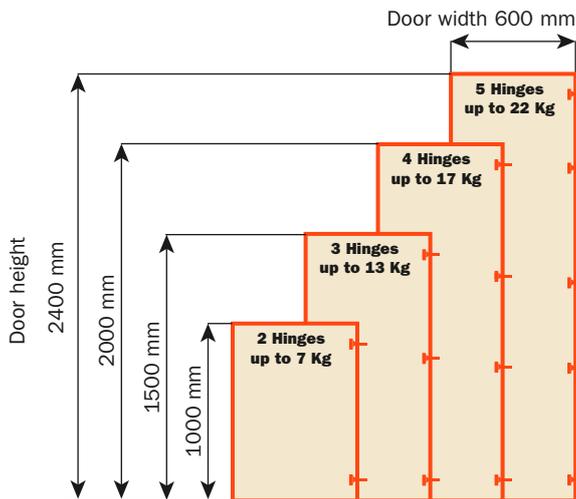
**Hinges with a small operating profile.**  
**Bright nickel plated steel cup and arm.**  
**Dimensions of the  $\varnothing$  35 mm cup.**

All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

Esempio: C3ABA99 = nickel-plated  
 C3ABA96 = titanium



### Approx. number of hinges required according to the door dimension and weight.



### Adjustments

Compensated side adjustment from -1.5 mm to +4.5 mm, constant "L" value of 1.3 mm (it does not change during side adjustment).  
 Height adjustment  $\pm 2$  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

Asymmetrical bright nickel plated or titanium finish die-cast Series 300 mounting plates.  
 Positioning with pre-determined stop.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

**Series 300 • 94° opening**



**Technical information**

**Hinges with just 45 mm operating profile.**

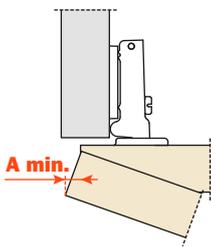
11 mm deep metal cup.

94° opening.

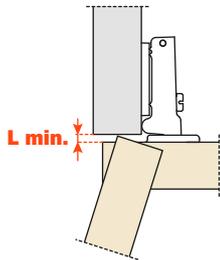
Possible drilling distance on the door (K): from 3 to 9 mm.

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 <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

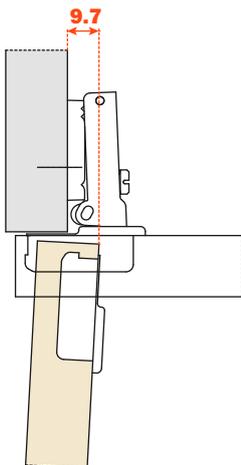


K=	3	4	5	6	7	8	9
<b>L=</b>	0.0	0.0	0.0	0.0	0.0	0.3	1.3

**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**

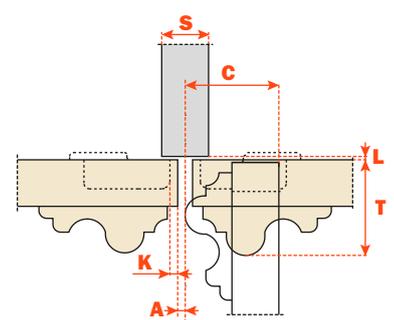
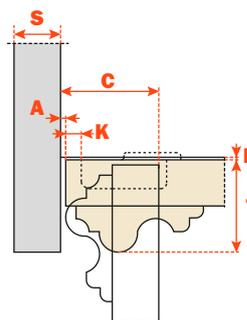
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.



**“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.

$$C = 22.5 + K + A$$



**Packing Nickel-plated finish**

Boxes 300 pcs. • Pallets 7.200 pcs.

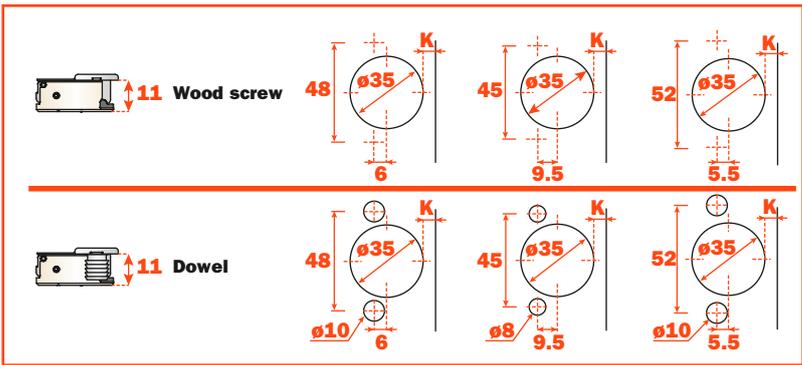
**Packing Titanium finish**

Check with the sales office for the minimum order quantity

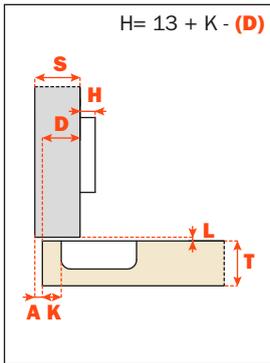
All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

Esempio: C3ABA99 = nickel-plated  
C3ABA96 = titanium

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



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C3ABA99	C3PBA99	C3UBA99			
	Dowel	C3BBA99	C3RBA99	C3WBA99			





## **Series 300 Mounting plates**

## Series 300 mounting plates

- Asymmetrical cruciform mounting plates. For hinges Series 300.
- 20x32 mm drilling.
- Height adjustment  $\pm 1,5$  mm by cam.

### Packing mounting plates • Nickel-plated finish

Boxes 600 pcs. • Pallets 14.400 pcs.

### Packing spacers for mounting plates • Nickel-plated finish

Boxes 300 pcs. • Pallets 7.200 pcs.

### Packing Titanium finish

Check with the sales office for the minimum order quantity

All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

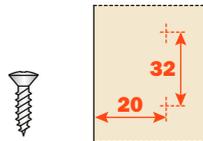
Example: B383E09 = nickel-plated

B383E06 = titanium

### B383E09



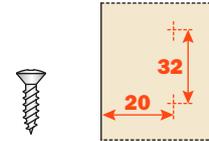
Die-cast mounting plates.  
Fixing: wood screw.



### B383E69



Die-cast mounting plates.  
Fixing: wood screw.



### S38X8639



3 mm spacer for special applications.

### S38X86D9



13 mm spacer for special applications.

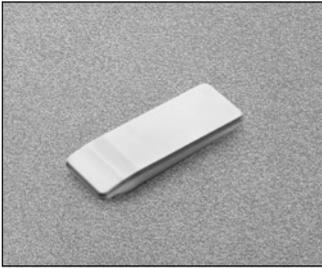


## Accessories

**Series 300 • Accessories**

**Screw cover caps**

**S3XX83A\_**



Plastic screw cover cap, it can be personalised on request.

- S3XX83A6** = Titanium
- S3XX83A9** = Nickel-plated
- S3XX83AG** = Gray

**Flange cover caps.**

**S2XX85H\_**



Steel flange cover cap, it can be personalised on request.

- S2XX85H6** = Titanium
- S2XX85H9** = Nickel-plated

**S2CX85H\_**



Steel flange cover cap with embossed logo.

- S2CX85H6** = Titanium
- S2CX85H9** = Nickel-plated

**Spacers, gauge and fancy cover for Silentia hinges.**

**S2XX86**



Spacer to reduce the drilling depth for 155° hinges.

- S2XF86BT** = 0.6 mm
- S2XF86AT** = 1.2 mm
- S2XF86KT** = 1.8 mm

**D\_A\_AC\_SN**

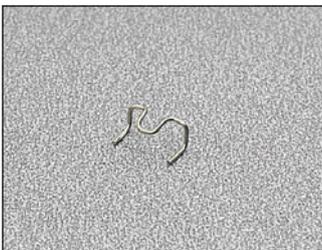


Gauge to check the diameter and the depth of the drilling.

- D1A6AC3SN** = 12 mm
- D2ABACGSN** = 15.5 mm
- D7A6ACYSN** = 13.5 mm

**Silentia** + **Stop devices.**

**S2A637XF**



For all hinges for thicker doors, it limits opening at about 86°.

For 94° hinges, it limits opening at about 86°.









## HEADQUARTERS AND PRODUCTION UNITS

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### SALICE INDIA PVT. LTD.

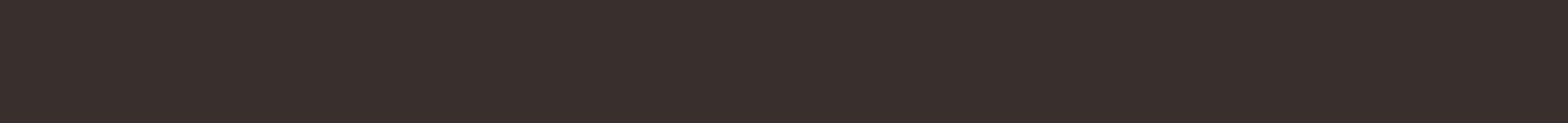
1001 & 1002, 10TH FLOOR,  
CENTRUM, PLOT NO. C-3,  
OPP. WAGLE PRABHAG SAMITI OFFICE,  
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FAX. 905 820 7226  
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