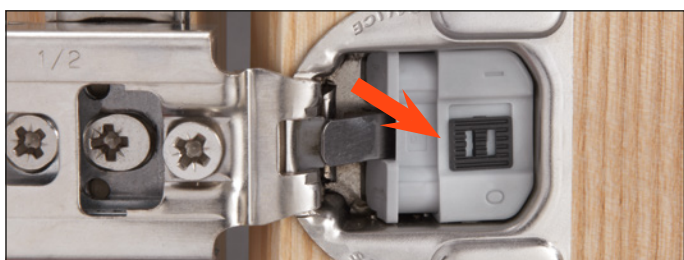
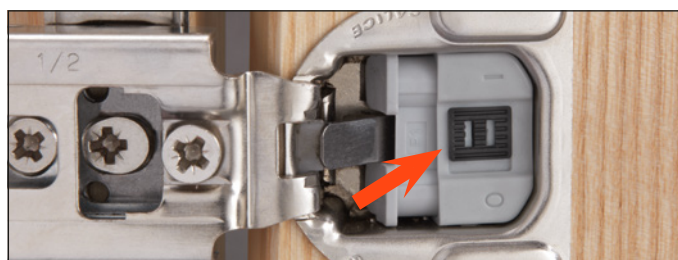


# Silentia+ • Series CU Face Frame



To adjust the soft close start from 30° to 10°, move the switch to **0**.

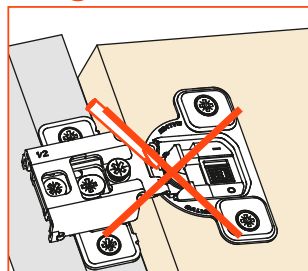
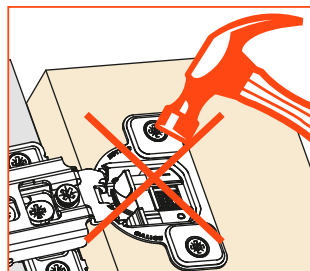


To adjust the soft close start from 10° to 30°, move the switch to **I**.

## ATTENTION

**DO NOT** insert with a hammer or mallet.

**DO NOT** remove the soft-close mechanism as it will cause permanent damage.



## General information

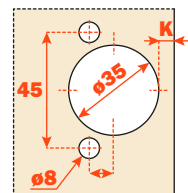
All overlays are calculated with a K = 2.5 mm.

**All Silentia face frame hinges have a variable drilling distance (K) of 2.5 mm - 6.0 mm.**

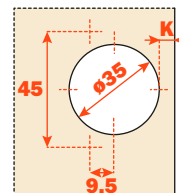
### Boring Pattern

Boring distance from the edge of the door:

Press-in



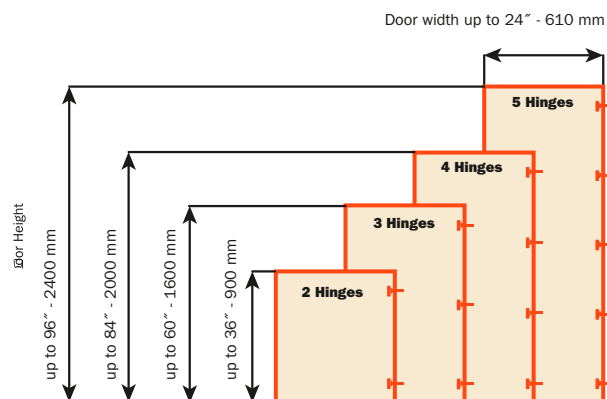
Screw-in.



## Recommended number of hinges per door.

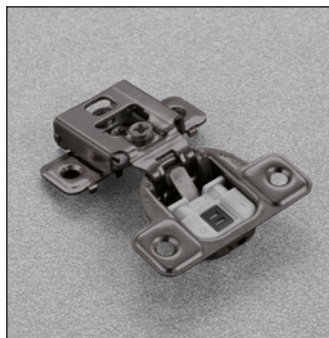
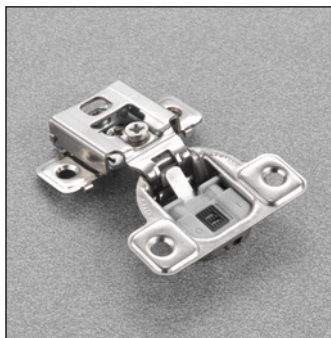
The number of hinges required depends on the size, weight and quality of the door. The distance between the top and bottom hinge must be greater than the width of the door. Additional hinges should be added if doors are near the border line of size or weight chart. Use the diagram below to determine number of hinges needed.

| Maximum door weight. |      |      |      |
|----------------------|------|------|------|
| ø 35 mm              | 20lb | 40lb | 60lb |
| No. of hinges        | 2    | 3    | 4    |



### Millimeter to inch equivalents

|      |       |        |       |        |        |        |       |        |        |        |        |        |        |        |        |      |
|------|-------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| mm   | 1     | 1.5    | 2     | 3      | 4      | 5      | 5.5   | 6      | 7      | 8      | 9      | 9.5    | 10     | 11     | 12     | 13   |
| inch | 1/32" | 1/16"  | 3/32" | 1/8"   | 5/32"  | 3/16"  | 7/32" | 1/4"   | 9/32"  | 5/16"  | 11/32" | 3/8"   | 13/32" | 7/16"  | 15/32" | 1/2" |
| mm   | 14    | 15     | 16    | 17     | 17.5   | 18     | 19    | 20     | 20.5   | 21     | 22     | 23     | 24     | 24.5   | 25.4   |      |
| inch | 9/16" | 19/32" | 5/8"  | 21/32" | 11/16" | 23/32" | 3/4"  | 25/32" | 13/16" | 27/32" | 7/8"   | 29/32" | 15/16" | 31/32" | 1"     |      |











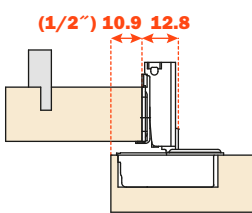
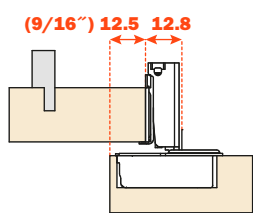
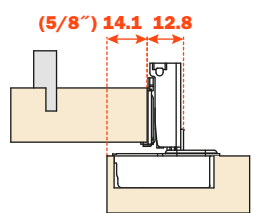
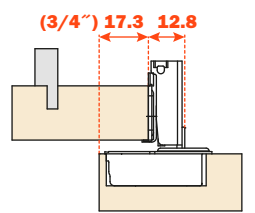
**Integrated soft close face frame hinge with adjustment switch.**

Stamped steel  
Minimum door thickness 14mm (9/16")  
Maximum door thickness 22mm (7/8")  
Cup depth 11mm (7/16")  
Opening 106°

Edgemount (front tabs only)

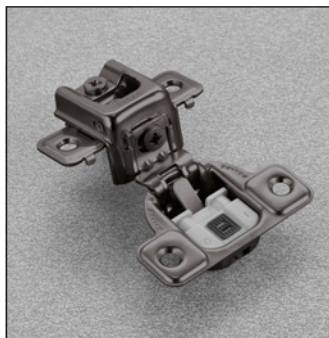
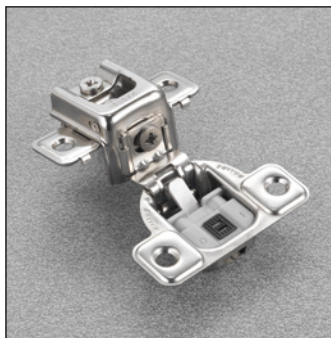
**All Silentia face frame hinges have a variable drilling distance (K) of 2.5 mm - 6.0 mm.**

Available in Nickel or Titanium finish

|   | 106° ø35  | 106° ø35  | 106° ø35   | 106° ø35  | Packaging |
|---|---|---|--|---|-----------|
|   |    |    |    |    |           |
|   | <b>1/2"</b>   | <b>9/16"</b>  | <b>5/8"</b>  | <b>3/4"</b>   |           |
|  | CUP37D9R  | CUP36D9R  | CUP35D9R   | CUP34D9R  | 300       |
|  | CUP37D6R<br>Titanium  | CUP36D6R<br>Titanium  | CUP35D6R<br>Titanium   | CUP34D6R<br>Titanium  | 300       |
|  | CUR37D9R  | CUR36D9R  | CUR35D9R   | CUR34D9R  | 300       |
|  | CUR37D6R<br>Titanium  | CUR36D6R<br>Titanium  | CUR35D6R<br>Titanium   | CUR34D6R<br>Titanium  | 300       |
| All overlays are calculated with a K = 2.5 mm.                                    |   |   |  |   |           |
|   |  |  |  |  |           |
|   | Zero-door protrusion  |   |  |   |           |
| #6 x 5/8" flat head wood screw - VU73X154 Nickel - V234X166 Titanium              |   |   |  |   |           |

**Ideal for refacing and other applications where frame thickness varies. Hinge is indexed from the front of the face frame only. There is no back tab.**

# Silentia+ • Series CU Face Frame - 3 cam adjustment



## Integrated soft close face frame hinge with adjustment switch.

Stamped steel  
Minimum door thickness 14mm (9/16")  
Maximum door thickness 22mm (7/8")  
Cup depth 11mm (7/16")  
Opening 106°

Edgemount (front tabs only)

**All Silentia face frame hinges have a variable drilling distance (K) of 2.5 mm - 6.0 mm.**

Available in Nickel or Titanium finish

|   | 106° ø35             | 106° ø35             | 106° ø35             | 106° ø35             | Packaging |
|---|----------------------|----------------------|----------------------|----------------------|-----------|
|   |                      |                      |                      |                      |           |
|   | <b>1"</b>            | <b>1 - 1/4"</b>      | <b>1 - 5/16"</b>     | <b>1 - 3/8"</b>      |           |
|   | CUP32D9R             | CUP3AD9R             | CUP3BD9R             | CUP3CD9R             | 300       |
|   | CUP32D6R<br>Titanium | CUP3AD6R<br>Titanium | CUP3BD6R<br>Titanium | CUP3CD6R<br>Titanium | 300       |
|   | CUR32D9R             | CUR3AD9R             | CUR3BD9R             | CUR3CD9R             | 300       |
|   | CUR32D6R<br>Titanium | CUR3AD6R<br>Titanium | CUR3BD6R<br>Titanium | CUR3CD6R<br>Titanium | 300       |
| All overlays are calculated with a K = 2.5 mm.  |                      |                      |                      |                      |           |
|   |                      |                      |                      |                      |           |
| Zero-door protrusion on all overlays - #6 x 5/8" flat head wood screw - VU73X154 Nickel - V234X166 Titanium |                      |                      |                      |                      |           |

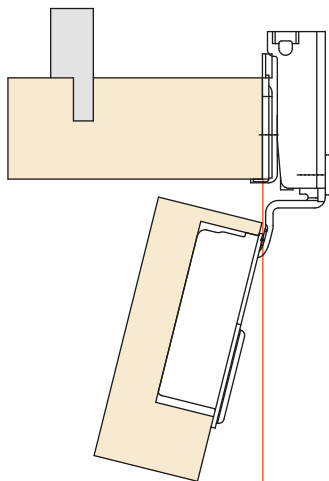
|   | 106° ø35             | 106° ø35             |  |  | Packaging |
|---|----------------------|----------------------|--|--|-----------|
|   |                      |                      |  |  |           |
|   | <b>1 - 23/64"</b>    | <b>1 - 31/64"</b>    |  |  |           |
|   | CUP3DD9R             | CUP3ED9R             |  |  | 300       |
|   | CUP3DD6R<br>Titanium | CUP3ED6R<br>Titanium |  |  | 300       |
|   | CUR3DD9R             | CUR3ED9R             |  |  | 300       |
|   | CUR3DD6R<br>Titanium | CUR3ED6R<br>Titanium |  |  | 300       |
| All overlays are calculated with a K = 2.5 mm.  |                      |                      |  |  |           |
|   |                      |                      |  |  |           |
| Zero-door protrusion on all overlays - #6 x 5/8" flat head wood screw - VU73X154 Nickel - V234X166 Titanium |                      |                      |  |  |           |

**Ideal for refacing and other applications where frame thickness varies. Hinge is indexed from the front of the face frame only. There is no back tab.**

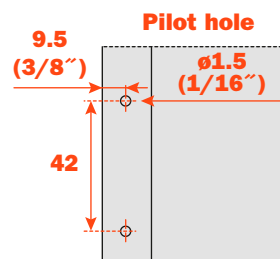
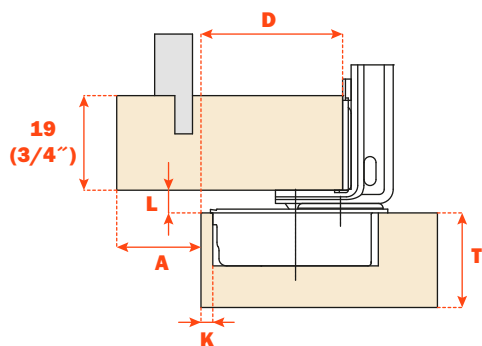
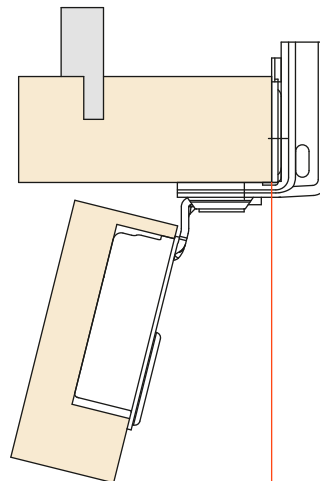
• **Series CU adjustment**

Zero-door protrusion from 3/4" to 1 - 3/8" overlay.  
Edgemount (front tabs only)

**Partial overlay**



**Full overlay**



Suggested frame fixing screw #6 x 5/8"  
VU73X154 Nickel - V234X166 Titanium

- D** = required door overlay
- T** = max. door thickness
- K** = drilling distance
- A** = reveal
- L** = gap between door and frame

- T= Maximum 22mm (7/8") max

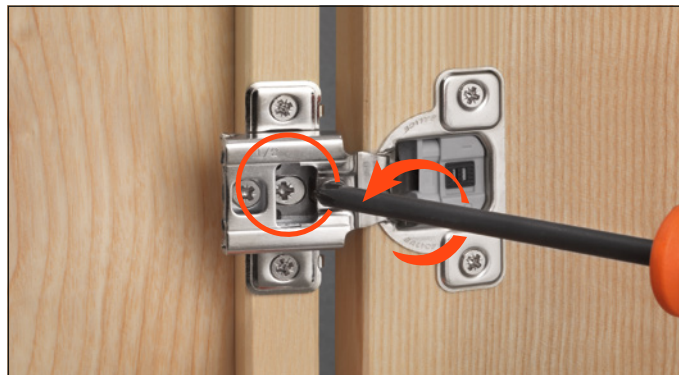
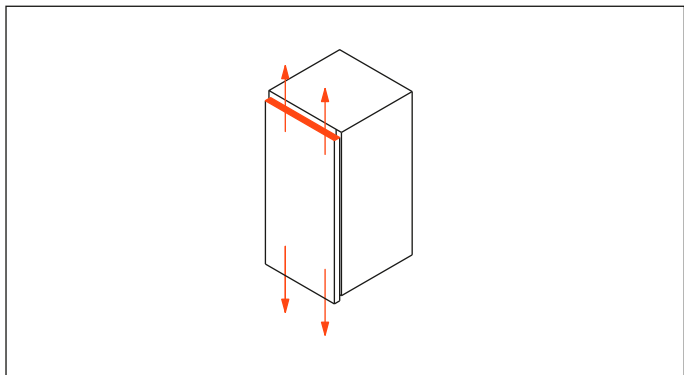
All overlays are calculated with a K = 2.5 mm.

**All Silentia face frame hinges have a variable drilling distance (K) of 2.5 mm - 6.0 mm.**

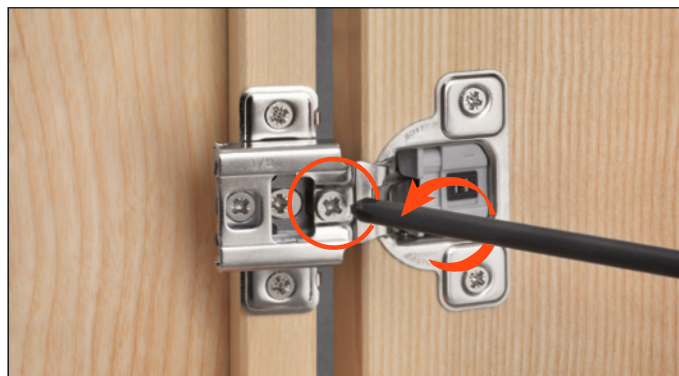
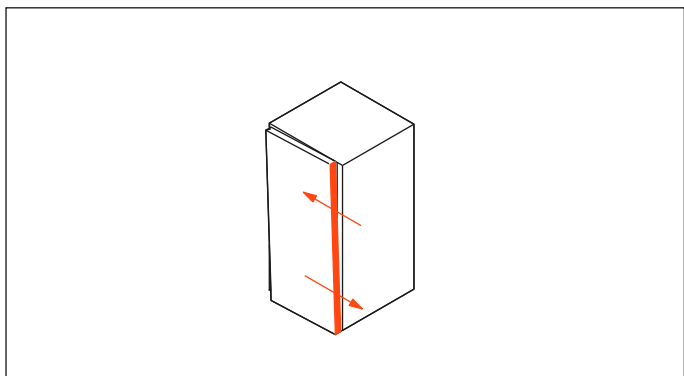
- L = 4.6 mm

- **"A" value = 5.6 mm min. (7/32") for 19mm (3/4") square edge doors.**

Height adjustment by eccentric cam = **+/- 1.85 mm (3/32")**



Side adjustment by eccentric cam for hinges: CU\_37D\_R - CU\_34D\_R = **+2.5mm (3/32") / -1.8mm (1/16")**  
 CU\_32D\_R - CU\_3AD\_R - CU\_3CD\_R = **+3mm (1/8") / -2mm (3/32")**



Depth adjustment by eccentric cam: **+ 2.5 mm (+ 3/32) / - 0.5 mm (- 1/64")**

