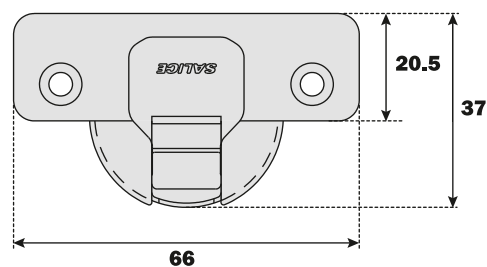**The Series 200 make up an integrated system of hinges developed to provide a solution to any situation involving concealed hinges.**
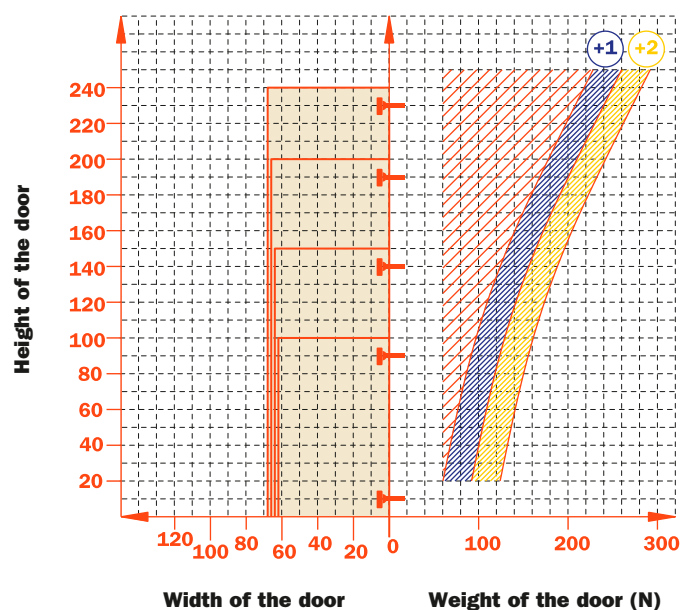**Bright nickel plated steel cup and arm.**
**Dimensions of the ø 35 mm cup.**



Constant "L" value of 0.7 mm (it does not change during side adjustment).

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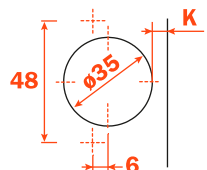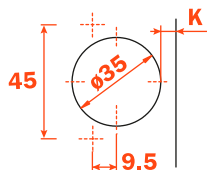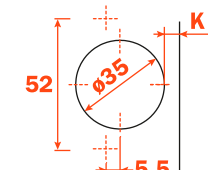


Height of the door

Width of the door          Weight of the door (N)

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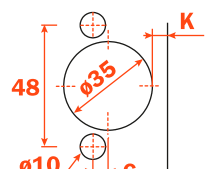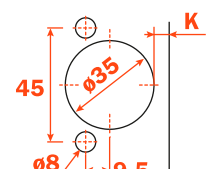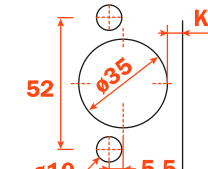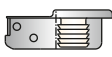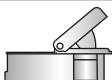
## Adjustments

Compensating side adjustment from - 1.5 to + 4.5 mm.
Height adjustment ± 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

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.
Snap-on assembly on Domi mounting plates .
Positioning with pre-determined stop on traditional Series 200 mounting plates.

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

| | 94° | 110° | 155° | 94° | 110° | 155° | 94° | 110° | 155° |
|---|---|---|---|---|---|---|---|---|---|
| Wood screw | A | A | A | P | P | P | U | U | U |

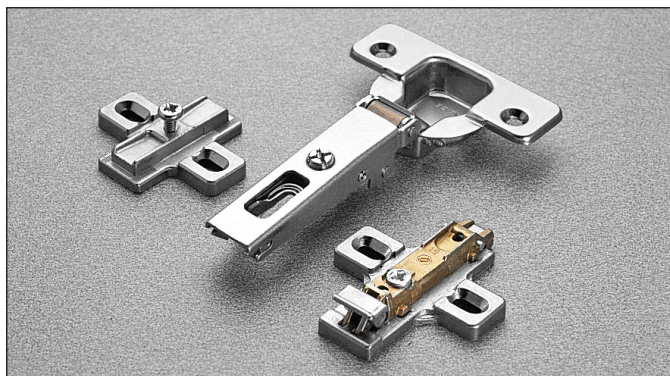| | 94° | 110° | 155° | 94° | 110° | 155° | 94° | 110° | 155° |
|---|---|---|---|---|---|---|---|---|---|
| Rapido | 6 | 6 | 6 | 7 | 7 | 7 | 2 | 2 | 2 |
| Dowel | B | B | B | R | R | R | W | W | W |
| Logica | I | I | I | J | J | J | Q | Q | Q |

**Use this table to identify the available drillings and fixings.**
**Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C2_PA99.**

Fill this position with the chosen letter or number.

## Technical information

**Push hinges are reverse-sprung so that the door self-opens when the release device is activated.**

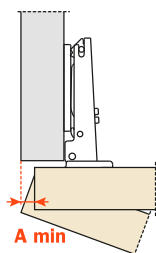For thick doors up to 35 mm, with special profiles.
11 mm deep metal cup.
94° opening.
Possible drilling distance on the door (K): from 3 to 9 mm.
Compatible with all traditional Series 200 mounting plates
and with all Domi snap-on mounting plates.

## 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 | **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 |

**A min**
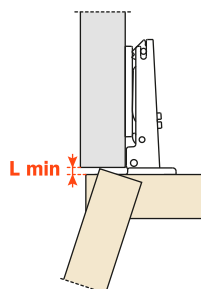
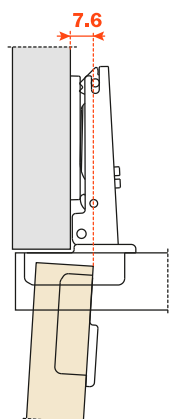| K= | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|
| **L=** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.3 |

**L min**

**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.

**7.6**

## "C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.
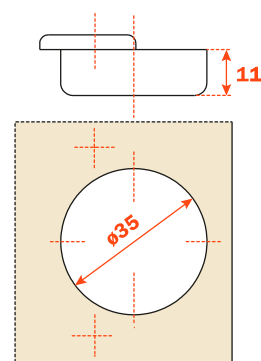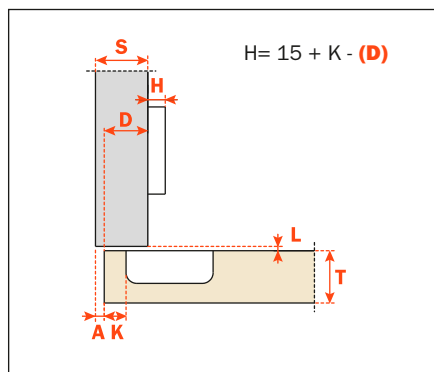
$C = 23 + K + A$
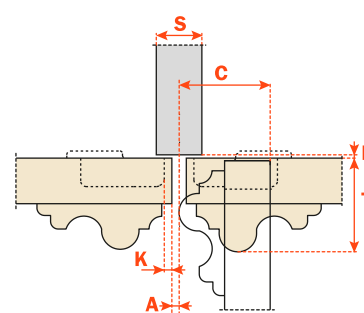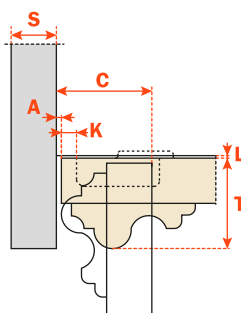
**Packing**
Boxes 300 pcs.
Pallets 7.200 pcs.

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.

Use the tables "Drillings and fixings" at page 27 to complete the code number of the desired hinge.
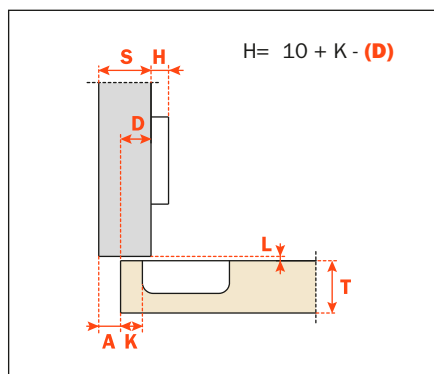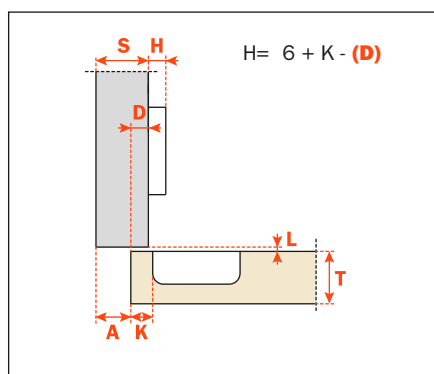
11

$\emptyset 35$

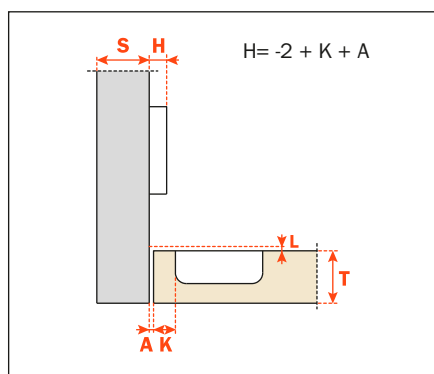Arm **0**



$H= 15 + K - (D)$

**C2_VA99**

Arm **5**



$H= 10 + K - (D)$

**C2_VD99**

Arm **9**



$H= 6 + K - (D)$

**C2_VG99**

Arm **17**



$H= -2 + K + A$

**C2_VP99**