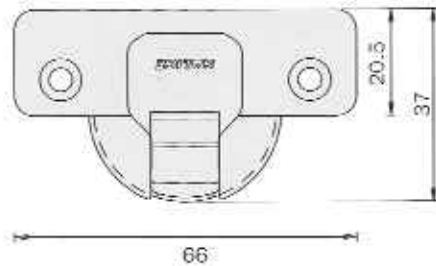


# Series 900

Technical features

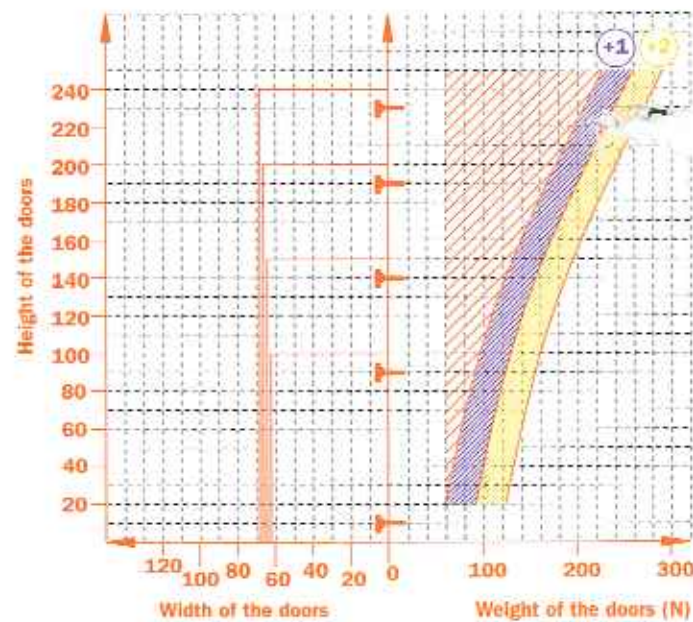
Bright nickel plated steel cup and arm.

## Dimensions of the Ø35 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.



## Adjustments

Side adjustment from -1,5 to +4 mm.

Height adjustment ±2 mm.

Depth adjustment +2,8 mm.

## Mounting plates

Series 200, in steel or die-cast, symmetrical and asymmetrical.

Straight symmetrical mounting plates in black nylon series 200.

Not compatible with series 200 mounting plates with negative height.

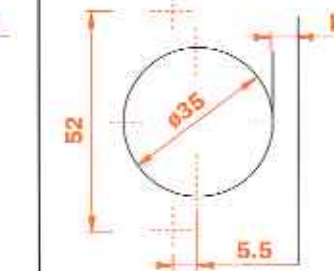
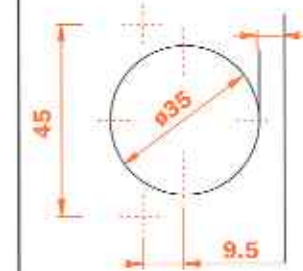
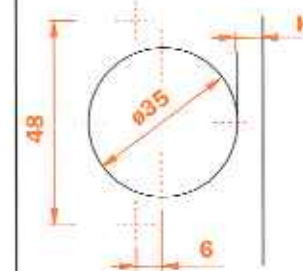
P.S. Use Pozidrive No. 2 screwdrivers for all screws

# Series 900

Drillings and fixings

## Screw-on

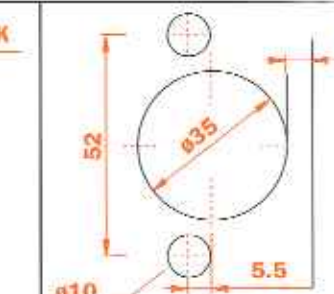
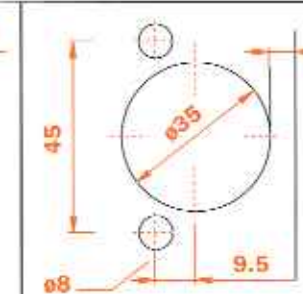
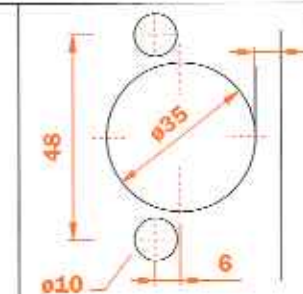
\* The items marked with an asterisk have different shipping quantities than those shown in the packings.



|                             | 94° | 110° |  | 94° | 110° |  | 94° | 110° |
|-----------------------------|-----|------|--|-----|------|--|-----|------|
| Wood screw                  | A   | A    |  | P   | P    |  | U   | U    |
| Pre-mounted wood screw      | M   | M    |  |     |      |  |     |      |
| Pre-mounted euroscrew       | 5   | 5    |  | 8*  | 8*   |  | 3*  | 3*   |
| Pre-mounted rapid euroscrew | D   | D    |  | F*  | F*   |  | E*  | E*   |
| Rapido                      | 6   | 6    |  | 7*  | 7*   |  | 2*  | 2*   |

## Knock-in

\* The items marked with an asterisk have different shipping quantities than those shown in the packings.



|       | 94° | 110° |  | 94° | 110° |  | 94° | 110° |
|-------|-----|------|--|-----|------|--|-----|------|
| Dowel | B   | B    |  | R*  | R*   |  | W*  | W*   |

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.: C9...7C99

Fill this position with the chosen letter or number.

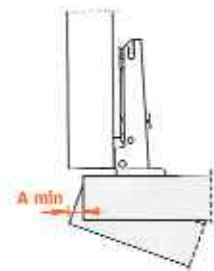
# Series 900 94°



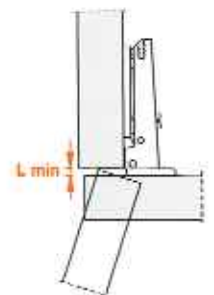
## Technical information

- For thick doors (up to 32 mm) with special profiles
- 11 mm deep metal cup
- 94° opening
- Possible drilling distance on the door (K): from 3 to 8 mm
- Compatible with all traditional mounting plates series 200.
- Not compatible with DOMI® snap-on mounting plates.

## Space needed to open the door:



| T=     | 16  | 18  | 20  | 22  | 24  | 26  | 28  | 30  | 32  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| K=3 A= | 0,4 | 0,8 | 1,2 | 1,7 | 2,4 | 3,2 | 4,5 | 6,3 | 8,1 |
| K=4 A= | 0,4 | 0,7 | 1,2 | 1,7 | 2,3 | 3,1 | 4,2 | 5,6 | 7,5 |
| K=5 A= | 0,4 | 0,7 | 1,1 | 1,6 | 2,3 | 3,0 | 3,9 | 5,3 | 7,0 |
| K=6 A= | 0,4 | 0,7 | 1,1 | 1,6 | 2,2 | 2,9 | 3,8 | 5,0 | 6,5 |
| K=7 A= | 0,4 | 0,7 | 1,1 | 1,6 | 2,1 | 2,8 | 3,7 | 4,7 | 6,1 |
| K=8 A= | 0,4 | 0,7 | 1,1 | 1,5 | 2,1 | 2,8 | 3,6 | 4,5 | 5,8 |

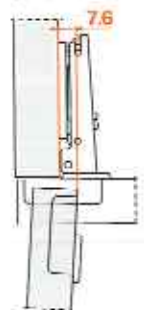


| K= | 3   | 4   | 5   | 6   | 7   | 8   |
|----|-----|-----|-----|-----|-----|-----|
| L= | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 | 1,1 |

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

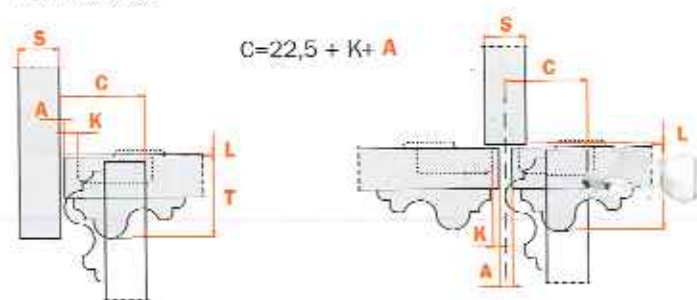
## Projection of the door

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.



# Series 900 94°

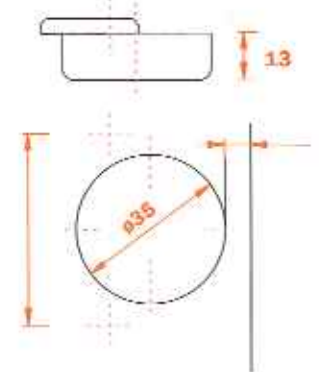
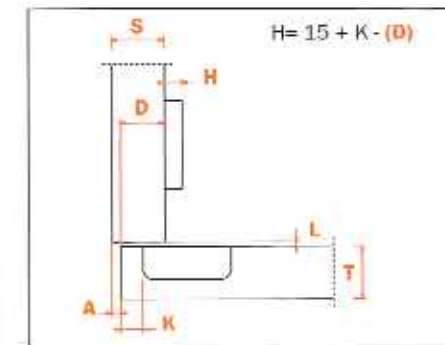
## Packing

Boxes 300 pcs.  
Pallets 7200 pcs.

\* The items marked with an asterisk have different shipping quantities than those shown in the packings.

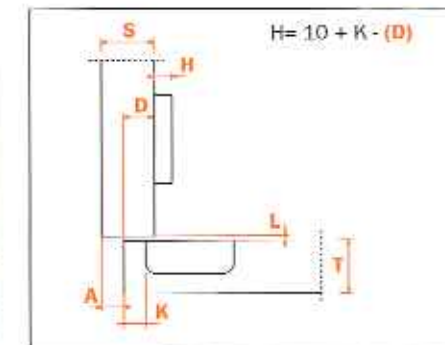
- CA sprung hinge
- CL unsprung hinge

### Arm 0



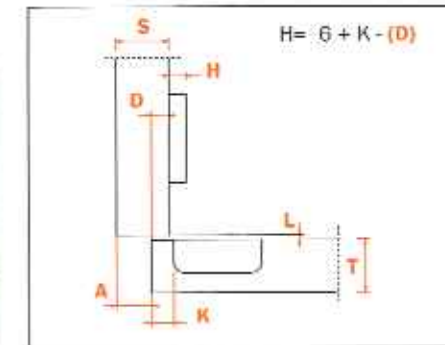
- CA C9...7C99
- CL C9...5C99\*

### Arm 5



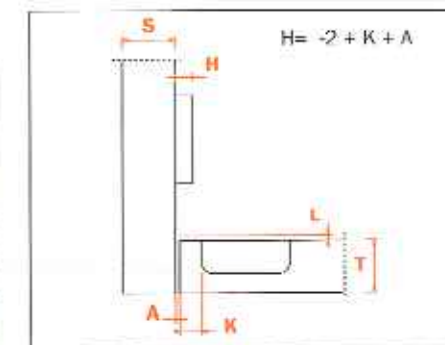
- CA C9...7J99
- CL C9...5J99\*

### Arm 9



- CA C9...7L99
- CL C9...5L99\*

### Arm 17



- CA C9...7S99
- CL C9...5S99\*

Use the table "Drillings and fixings" at page 89 to complete the code number of the desired hinge.

# Series 900 110°



## Technical information

It can be used with doors as thin as 13 mm or with special profiles

11 mm deep metal cup

110° opening

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

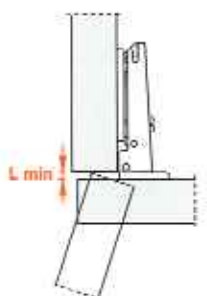
Compatible with all traditional mounting plates series 200.

Not compatible with DOMI® snap-on mounting plates.

## Space needed to open the door:



| T=     | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| K=3 A= | 0,5 | 0,7 | 0,9 | 1,2 | 1,5 | 1,8 | 2,4 | 3,7 | 5,1 | 6,5 | 7,8 |
| K=4 A= | 0,5 | 0,7 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,7 | 4,1 | 5,5 | 6,8 |
| K=5 A= | 0,5 | 0,7 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,6 | 3,1 | 4,1 | 5,4 |
| K=6 A= | 0,5 | 0,7 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,5 | 3,0 | 3,5 | 4,4 |

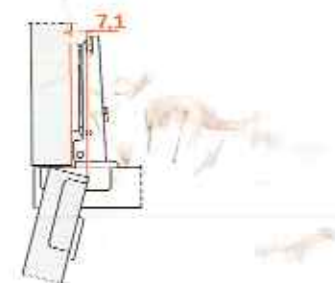


| T=     | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| K=3 L= | 0,0 | 0,0 | 0,0 | 0,0 | 0,2 | 0,5 | 0,8 | 1,1 | 1,4 | 1,7 | 1,9 |
| K=4 L= | 0,0 | 0,0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,4 | 1,7 | 2,0 | 2,3 | 2,6 |
| K=5 L= | 1,1 | 1,3 | 1,6 | 1,8 | 2,1 | 2,3 | 2,6 | 2,9 | 3,1 | 3,4 | 3,6 |
| K=6 L= | 2,0 | 2,3 | 2,5 | 2,8 | 3,1 | 3,3 | 3,6 | 3,8 | 4,1 | 4,3 | 4,6 |

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

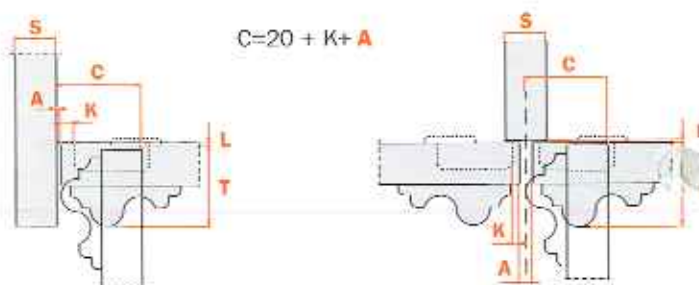
## Projection of the door

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.



# Series 900 110°

## Packing

Boxes 300 pcs.  
Pallets 7200 pcs.

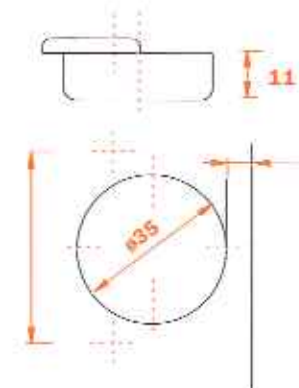
\* The items marked with an asterisk have different shippings quantities than those shown in the packings.

CA sprung hinge  
CL unsprung hinge

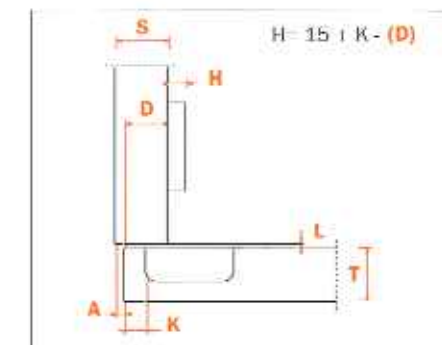
Arm 0



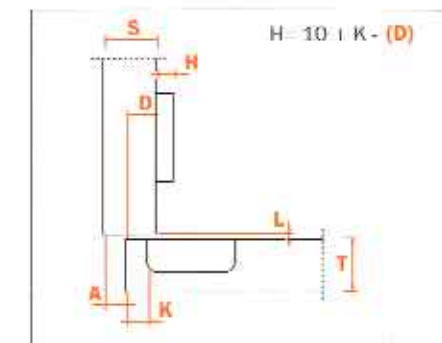
Use these formulas to determine the type of hinge arm, the door drilling "K" and the height of the mounting plate "H" which is necessary to solve each application problem.



CA C9...6C99  
CL C9...4C99\*

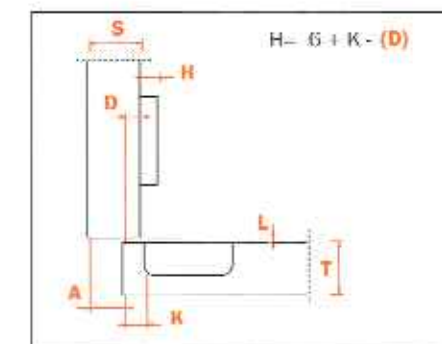


Arm 5



CA C9...6J99  
CL C9...4J99\*

Arm 9



CA C9...6L99  
CL C9...4L99\*

Use the table "Drillings and fixings" at page 89 to complete the code number of the desired hinge.