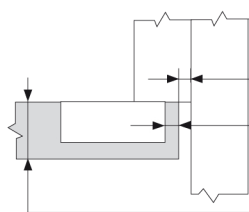
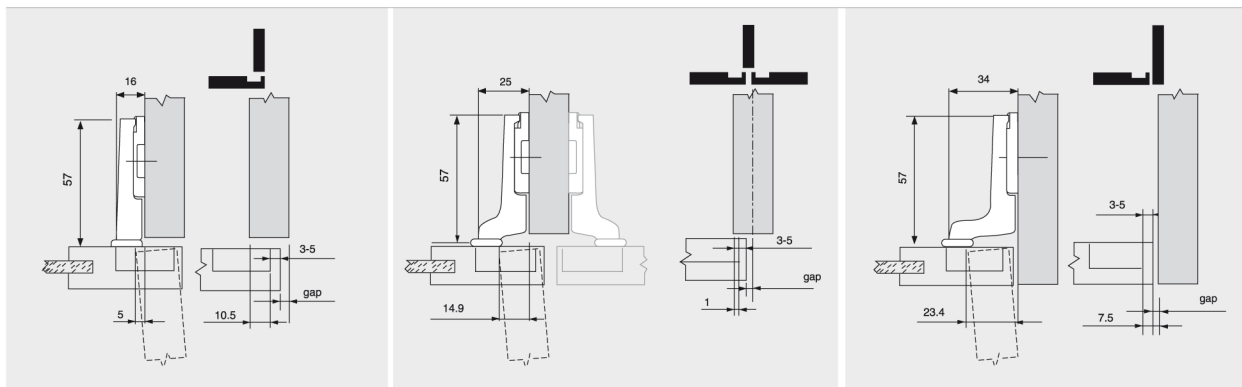


## Installation dimensions

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing = 0mm)

Hinge and door protrusion of full opening angle



minimum gap requirement in mm

|                                     |     |     |     |     |     |                                       |
|-------------------------------------|-----|-----|-----|-----|-----|---------------------------------------|
| drilling dist. : from 3mm<br>to 5mm | 1.1 | 2.2 | 3.0 | 3.8 | 5.5 | A trial application is<br>recommended |
|                                     | 1.1 | 1.8 | 2.4 | 3.0 | 4.6 |                                       |
| Door thickness in mm                | 16  | 18  | 19  | 20  | 22  | 24 26 28 29 30 31 32                  |

The above figures are  
based on doors with  
radiused edges  
(R=1mm)

| Full Overlay |      |      |      |      |      |      |      |      |   |  | Half Overlay |   |   |   |   |   |   |   |   |   |  | Inset |      |      |     |   |  |  |  |  |  |  |
|--------------|------|------|------|------|------|------|------|------|---|--|--------------|---|---|---|---|---|---|---|---|---|--|-------|------|------|-----|---|--|--|--|--|--|--|
| A            |      |      |      |      |      |      |      |      |   |  | A            |   |   |   |   |   |   |   |   |   |  | A     |      |      |     |   |  |  |  |  |  |  |
| 9.5          | 10.5 | 11.5 | 12.5 | 13.5 | 14.5 | 16.5 | 17.5 | 18.5 | H |  | 1            | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | H |  | -2.5  | -1.5 | -0.5 | 0.5 | H |  |  |  |  |  |  |
| B            |      |      |      |      |      |      |      |      |   |  | B            |   |   |   |   |   |   |   |   |   |  | B     |      |      |     |   |  |  |  |  |  |  |
| 3            | 4    | 5    | 6    |      |      |      |      |      | 5 |  | 3            | 4 | 5 | 6 |   |   |   |   |   | 3 |  | 3     | 4    | 5    | 6   | 0 |  |  |  |  |  |  |

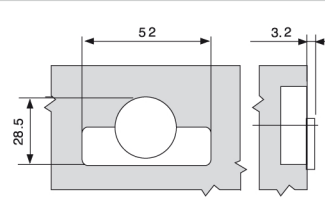
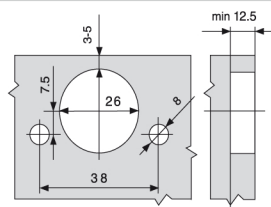
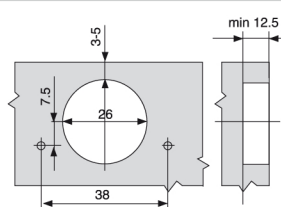
A : Door overlay  
B : Drilling distance  
H : Mounting plate height

### CUP DIMENSION

#### Screw-on

#### Knock-in(38 / 7.5)

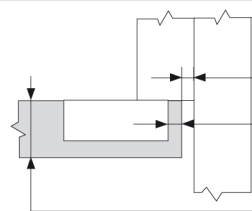
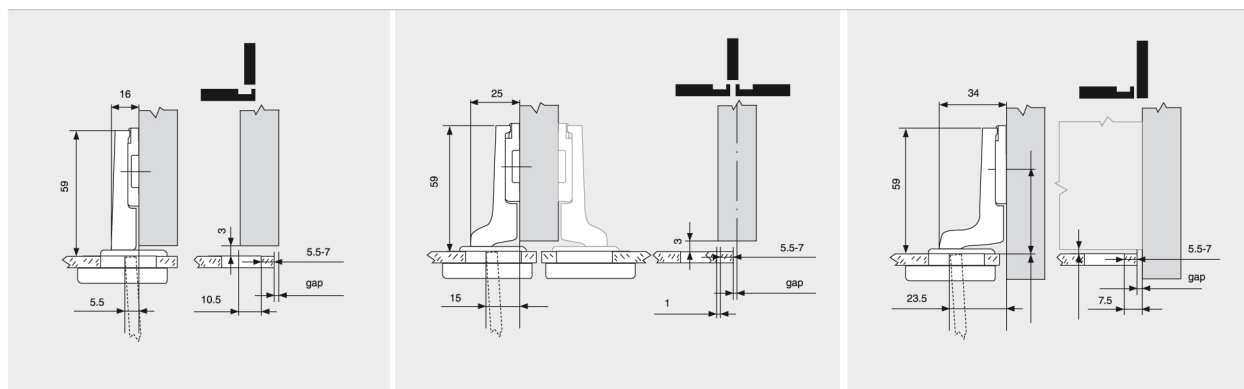
#### Hinge boss dimensions



## Installation dimensions

Hinge dimensions and gap calculation based on factory setting (mounting plate spacing= 0-9mm)

Hinge and door protrusion of full opening angle



|                                     |                      | minimum gap requirement in mm |     |     |     |     |     |                                       |    |    |    |    |    |
|-------------------------------------|----------------------|-------------------------------|-----|-----|-----|-----|-----|---------------------------------------|----|----|----|----|----|
| drilling dist. : from 3mm<br>to 5mm | Door thickness in mm | 0.8                           | 1.4 | 1.8 | 2.2 | 3.1 | 4.5 | A trial application is<br>recommended |    |    |    |    |    |
|                                     |                      | 0.8                           | 1.3 | 1.5 | 1.9 | 2.7 | 3.8 |                                       |    |    |    |    |    |
|                                     |                      | 16                            | 18  | 19  | 20  | 22  | 24  | 26                                    | 28 | 29 | 30 | 31 | 32 |

The above figures are based on doors with radiused edges (R=1mm)

| Full Overlay                                  |  |  |  |  |  |  |  |  |  |  | Half Overlay        |  |  |  |  |  |  |  |  |  |  | Inset                |  |  |  |  |  |                           |  |  |  |  |  |
|-----------------------------------------------|--|--|--|--|--|--|--|--|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|----------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|
| A                                             |  |  |  |  |  |  |  |  |  |  | A                   |  |  |  |  |  |  |  |  |  |  | A                    |  |  |  |  |  |                           |  |  |  |  |  |
| 9.5 10.5 11.5 12.5 13.5 14.5 16.5 17.5 18.5 H |  |  |  |  |  |  |  |  |  |  | 1 2 3 4 5 6 7 8 9 H |  |  |  |  |  |  |  |  |  |  | -2.5 -1.5 -0.5 0.5 H |  |  |  |  |  |                           |  |  |  |  |  |
| 3 4 5 6 0                                     |  |  |  |  |  |  |  |  |  |  | 3 4 5 6 0           |  |  |  |  |  |  |  |  |  |  | 3 4 5 6 0            |  |  |  |  |  |                           |  |  |  |  |  |
| B                                             |  |  |  |  |  |  |  |  |  |  | B                   |  |  |  |  |  |  |  |  |  |  | B                    |  |  |  |  |  | A : Door overlay          |  |  |  |  |  |
| 3 4 5 6 3                                     |  |  |  |  |  |  |  |  |  |  | 3 4 5 6 3           |  |  |  |  |  |  |  |  |  |  | 3 4 5 6 0            |  |  |  |  |  | B : Drilling distance     |  |  |  |  |  |
| 3 4 5 6 5                                     |  |  |  |  |  |  |  |  |  |  | 3 4 5 6 5           |  |  |  |  |  |  |  |  |  |  |                      |  |  |  |  |  | H : Mounting plate height |  |  |  |  |  |

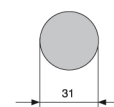
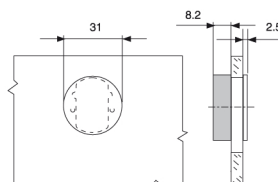
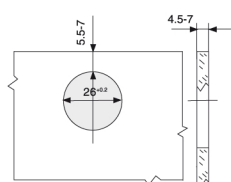
A : Door overlay  
B : Drilling distance  
H : Mounting plate height

### CUP DIMENSION

#### Screw-on

#### Cover cap dimensions

#### Round



### BOSS COVER CAPS



Gold polished  
Color-Gold



Nickel matted  
Color-Silver



Black  
Color-Black



Chrome polished  
Color-Silver