


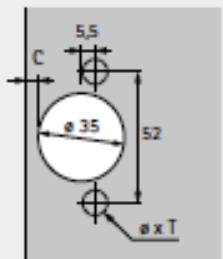
Fast assembly concealed hinge without integrated Silent System

- ▶ Sensys 8645
- ▶ 110° opening angle



- ▶ Concealed clip on hinge without integrated Silent System
- ▶ Quality classification in accordance with EN 15570, Level 3
- ▶ For door thickness of 15 - 24 mm
- ▶ Cup diameter 35 mm
- ▶ Cup depth 12.8 mm
- ▶ Integrated overlay adjustment + 2 mm / - 2 mm
- ▶ Integrated depth adjustment + 3 mm / - 2 mm
- ▶ Height adjustment at mounting plate
- ▶ Hinge arm material: nickel plated steel
- ▶ Hinge cup material: nickel plated steel

Sensys 8645, 110° opening angle

| Cup installation | Drilling pattern | Fixing hole ø x T mm | Full overlay  Basis B 12.5 mm | PU |
|---------------------------|---|-------------------------|--|---------|
| Press in version TH 53 |  | ø 10 x 11 | 9 071 262 | 200 ea. |

Fast assembly concealed hinge

- ▶ Sensys 8645i / Sensys 8645 / Sensys 8675
- ▶ 110° opening angle

Minimum reveal per door

| Door thickness mm | Cup distance C mm | | | | | |
|----------------------|-------------------|-----|-----|-----|-----|-----|
| | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 |
| 15 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 16 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 17 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 18 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 |
| 19 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 |
| 20 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 |
| 21 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 |
| 22 | 2.2 | 1.8 | 1.7 | 1.6 | 1.6 | 1.5 |
| 23 | 3.0 | 2.6 | 2.4 | 2.2 | 2.0 | 1.9 |
| 24 | 3.9 | 3.4 | 3.2 | 3.0 | 2.6 | 2.4 |

Note:

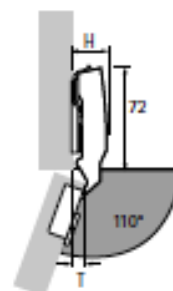
The values in the table refer to doors with an edge radius of 1 mm.

On doors with other radii, the minimum reveal changes as follows:

Radius 0 mm:
Value in table + 0.4 mm

Radius 3 mm:
Value in table - 0.6 mm

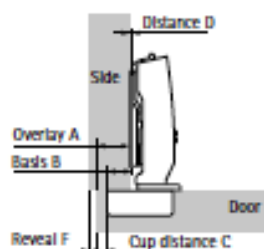
Installation dimensions



Hinge protrusion H / door protrusion T for distance D = 0 mm and cup distance C = 3 mm

| Door mounting option | H mm | T mm |
|----------------------|------|------|
| Full overlay | 25.0 | 8.5 |
| Half overlay | 31.0 | 18.0 |
| Inset | 38.0 | 25.0 |

Full overlay



$$\text{Distance D} = \text{C} + \text{B} - \text{A}$$

$$= \text{cup distance C} + 12.5 \text{ mm} - \text{overlay A}$$

| Overlay mm | Cup distance C mm | | | | | |
|---------------|-------------------|-----|-----|-----|-----|-----|
| | 3.0 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 |
| Distance D mm | | | | | | |
| 10 | 5.5 | 6.5 | 7.0 | 7.5 | 8.5 | 9.5 |
| 11 | 4.5 | 5.5 | 6.0 | 6.5 | 7.5 | 8.5 |
| 12 | 3.5 | 4.5 | 5.0 | 5.5 | 6.5 | 7.5 |
| 13 | 2.5 | 3.5 | 4.0 | 4.5 | 5.5 | 6.5 |
| 14 | 1.5 | 2.5 | 3.0 | 3.5 | 4.5 | 5.5 |
| 15 | 0.5 | 1.5 | 2.0 | 2.5 | 3.5 | 4.5 |
| 16 | | 0.5 | 1.0 | 1.5 | 2.5 | 3.5 |
| 17 | | | 0.0 | 0.5 | 1.5 | 2.5 |
| 18 | | | | | 0.5 | 1.5 |
| 19 | | | | | | 0.5 |

▶ Advice

For mounting plates, see pages 28 - 29

For accessories, see pages 30 - 31

For technical information, see pages 32 - 39