

Fast assembly concealed hinge with integrated Silent System



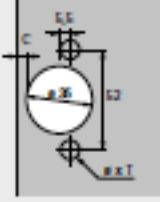


- ▶ Sensys 8657i, zero protrusion hinge
- ▶ 165° opening angle



- ▶ Concealed clip on hinge with Integrated Silent System
- ▶ Quality classification in accordance with EN 15570, level 3
- ▶ For door thickness of 15 – 32 mm
- ▶ Cup diameter 35 mm
- ▶ Cup depth 11.6 mm
- ▶ Integrated overlay adjustment + 2 mm / - 2 mm
- ▶ Integrated depth adjustment + 3 mm / - 2 mm
- ▶ Height adjustment at mounting plate
- ▶ Opening angle can be reduced by means of optional accessory
- ▶ Zero protrusion hinge
- ▶ Hinge arm material: nickel plated steel
- ▶ Hinge cup material: nickel plated steel

Sensys 8657i, 165° opening angle

Cup Installation	Drilling pattern	Fixing hole ø x T mm	Full overlay	Half overlay	PU
					
Screw on version TH 52		-	Basis B 12.5 mm	Basis B 3 mm	50 ea.
Press In version TH 53		ø 10 x 11	9 099 540	9 099 550	50 ea.
Flash fast assembly TH 54		ø 10 x 11	9 099 541	9 099 551	50 ea.
Fix fast assembly THS 55		ø 10 x 6	9 099 542	9 099 552	50 ea.
			9 099 543	9 099 553	50 ea.

Fast assembly concealed hinge

- ▶ Sensys 8657i, zero protrusion hinge
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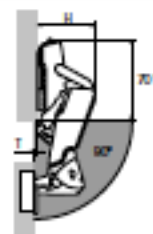


Minimum reveal per door

Door thickness mm	Cup distance C mm					
	3.0	4.0	4.5	5.0	6.0	7.0
15	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
26	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1
28	0.2	0.2	0.2	0.2	0.2	0.2
29*	0.4	0.4	0.4	0.4	0.5	0.6
30*	0.7	0.7	0.8	0.8	1.0	1.1
31**	1.1	1.2	1.3	1.4	1.6	
32**	1.7	1.9	2.0	2.2		

*when using the opening angle limiter at 120°
** when using the opening angle limiter at 105°

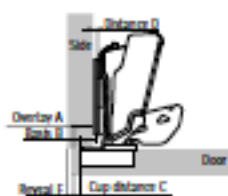
Installation dimensions



No door protrusion T up to distance D = 3.0, unobstructed interior for pull-outs
*Hinge closed: 80 mm

Door mounting option	H mm (max. at 30°)	T mm (90°, 00)
Full overlay	66	-3
Half overlay	75.5	6.5

Full overlay



Distance D = C + B - A
= cup distance C + 12.5 mm - 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

Half overlay



Distance D = C + B - A
= cup distance C + 3 mm - overlay A

Overlay mm	Cup distance C mm					
	3.0	4.0	4.5	5.0	6.0	7.0
Distance D mm						
-2	8.0	9.0	9.5	10.0	11.0	12.0
-1	7.0	8.0	8.5	9.0	10.0	11.0
0	6.0	7.0	7.5	8.0	9.0	10.0
1	5.0	6.0	6.5	7.0	8.0	9.0
2	4.0	5.0	5.5	6.0	7.0	8.0
3	3.0	4.0	4.5	5.0	6.0	7.0
4	2.0	3.0	3.5	4.0	5.0	6.0
5	1.0	2.0	2.5	3.0	4.0	5.0
6	0.0	1.0	1.5	2.0	3.0	4.0
7		0.0	0.5	1.0	2.0	3.0
8				0.0	1.0	2.0
9					0.0	1.0
10						0.0

▶ Advice

For mounting plates, see pages 28 - 29
For accessories, see pages 30 - 31
For technical information, see pages 32 - 39