


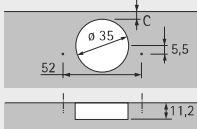
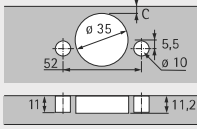
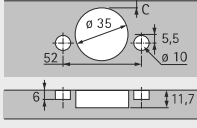
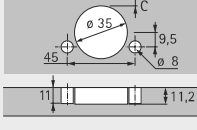
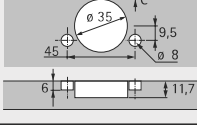
Fast assembly concealed hinge

- ▶ Intermat 9936 W90 for profile doors
- ▶ For 90° face angles, opening angle 95°



- ▶ Concealed hinge with clip on assembly
- ▶ Quality grades to EN 15570, Level 2
- ▶ For 90° carcass angle
- ▶ For door thickness 14 - 28 mm
- ▶ Cup diameter 35 mm
- ▶ Cup depth 11.1 mm (Fix 11.6 mm)
- ▶ Integrated adjustment of door offset + 2 mm / - 2.5 mm
- ▶ Integrated reveal adjustment 4 mm
- ▶ Height adjustment at mounting plate
- ▶ Material of hinge arm: Zinc, die-cast nickel-plated
- ▶ Material of hinge cup: Steel, nickel-plated

Intermat 9936 W90, opening angle 95°

Cup assembly	Drilling pattern	Inset  Basis B 5 mm (Cranking 5 mm)
Screw on type TH 42		0 077 708
Press in type TH 43		0 077 709 *
Fix fast assembly TH 45		0 077 712
Press in type TB 43		0 077 710
Fix fast assembly TB 45		0 077 713

Fast assembly concealed hinge

- ▶ **Intermat 9936 W90 for profile doors**
- ▶ **For 90° face angles, opening angle 95°**

Minimum reveal per door

Door thickness mm	Cup distance C mm					
	3.0	4.0	4.5	5.0	6.0	7.0
14	0.2	0.2	0.2	0.2	0.2	0.2
15	0.3	0.2	0.2	0.2	0.2	0.2
16	0.4	0.4	0.4	0.4	0.4	0.4
17	0.5	0.5	0.5	0.5	0.5	0.5
18	0.7	0.7	0.7	0.7	0.6	0.6
19	0.9	0.9	0.9	0.8	0.8	0.8
20	1.1	1.1	1.1	1.1	1.0	1.0
21	1.4	1.3	1.3	1.3	1.3	
22	1.7	1.6	1.6	1.6	1.5	
23	2.0	1.9	1.9	1.9	1.8	
24	2.3	2.3	2.2	2.2	2.1	
25	2.8	2.7	2.6	2.6		
26	3.3	3.1	3.1			
27	4.2	3.7	3.6			
28	5.0					

Please 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 + 0.8 mm

Note

Calculation of the required mounting plate distance D and hole line distance X to be observed:

The measurements must be taken from the drawing or table below in accordance with the required door offset, cup distance C (3 - 7 mm) and reveal F.

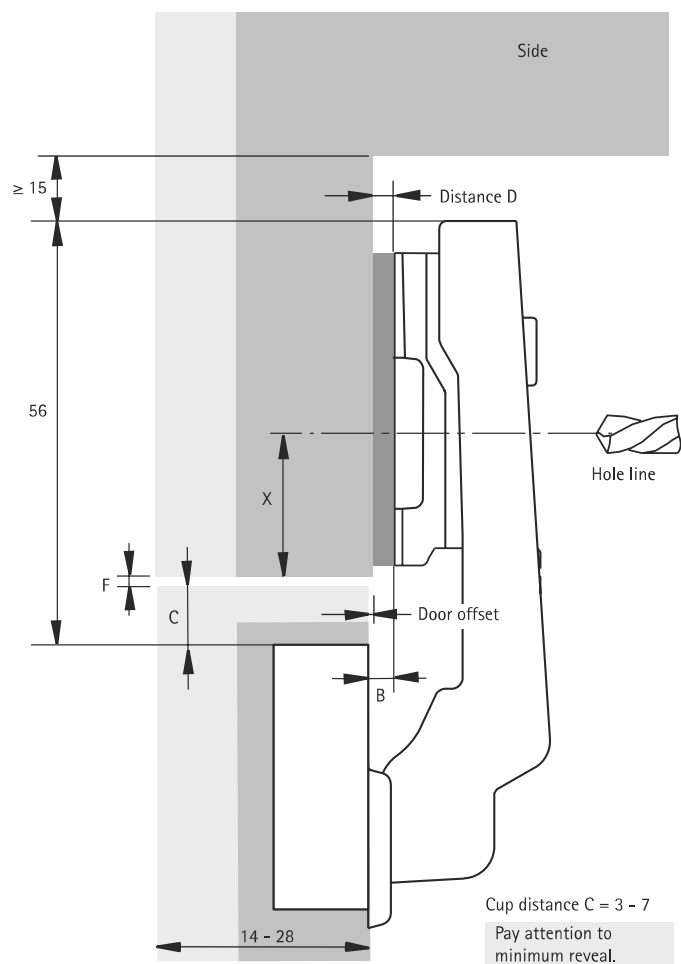
The values stated for the hole line distance X apply when using a cross mounting plate.

Distance D = 5 mm must be selected for door offset 0 mm

Hole line distance X
= 28 mm - Cup distance C - Reveal F

Inset - Scale 1:1

Distance D = 5 mm - door offset



Reveal mm	Cup distance C mm					
	3.0	4.0	4.5	5.0	6.0	7.0
0.5	24.5	23.5	23.0	22.0	21.5	20.5
1.0	24.0	23.0	22.5	21.5	21.0	20.0
1.5	23.5	22.5	22.0	21.0	20.5	
2.0	23.0	22.0	21.5	20.5	20.0	
2.5	22.5	21.5	21.0	20.0		
3.0	22.0	21.0	20.5			
3.5	21.5	20.5	20.0			
4.0	21.0	20.0				
4.5	20.5					
5.0	20.0					

▶ Advice

For mounting plates and accessories, see page 64 - 67, 122 - 128

For optional Silent System and Push to open opening system, see page 130 - 131, 140 - 141

For mounting options, assembly information, installation instructions and quality criteria, see page 178 - 186, 209