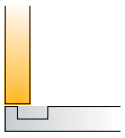
Concealed Hinges
Door Overlay

How to Achieve the Desired Door Overlay

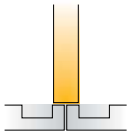
Choose the hinge of appropriate cranking

Concealed hinges with specific hinge arms are available for different door overlays. The most common overlays are:

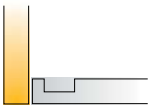
- Cabinet side
- Door



1. **Full overlay**
   Use a hinge with 0mm cranking



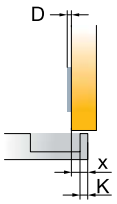
2. **Partial overlay for double doors**
   Use a hinge with 5mm or 9mm cranking



3. **Inset door**
   Use a hinge with 15mm or 17mm cranking

Choose the mounting plates of appropriate thickness

To achieve the desired overlay (x) while using a determined drilling distance (K), a mounting plate of appropriate thickness (D) must be chosen from the enclosed table or calculated with the given formula.



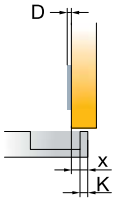
K \ x	4	5	6	7	8	9
3	3	2	1	0		
4		3	2	1	0	
5			3	2	1	0

D

D=4+K-x

Choose the appropriate drilling distance (K)

To achieve the desired door overlay (x) while using a determined mounting plate thickness (D), an appropriate drilling distance (K) must be chosen.

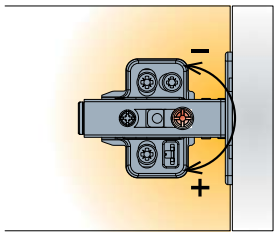


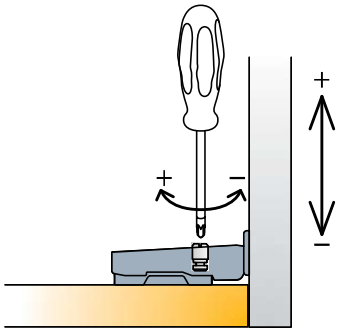
D \ x	4	5	6	7	8	9
0				3	4	5
1			3	4	5	
2		3	4	5		
3	3	4	5			

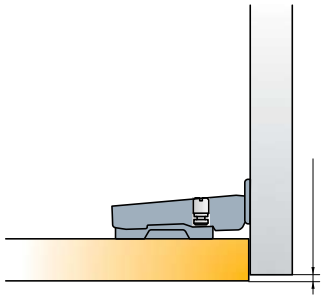
K

Through side adjustment

The side adjustment is made by rotating the appropriate screw on the hinge arm.





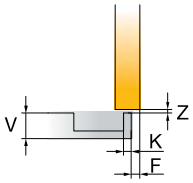


Adjustment range

Door clearance and gap

The door clearance (F≥Fmin) and gap (Z) represent the minimal necessary space needed for the correct opening and closing of the door. The minimal required values depend on the cup drilling distance (K), door thickness (V).

and the type of hinge. The minimum clearance scale can be found on product pages ⇢ see Door (page) clearance chart. When using hinges with partial overlay the door clearance must be twice as large (F≥2Fmin).



V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0