

HÄFELE METALLA 310 110° HINGES

For standard applications.



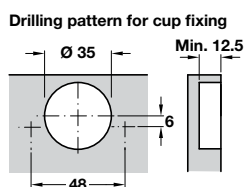
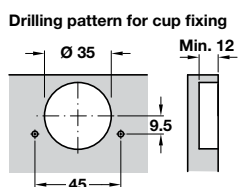
Full overlay mounting with mounting plate

- > For standard applications
- > Opening angle 110°, Ø 35 mm cup
- > Screw fixing cup
- > Installation: Door to cabinet with quick fixing system
- > For door thickness 14-22 mm see table below
- > With or without integrated soft close, unsprung or push-to-open
- > With automatic closing spring
- > Adjustment facility:
 - Side adjustment ±3 mm
 - Height adjustment ±2 mm (via mounting plate)
 - Depth adjustment ±2 mm
- > Black nickel plated or nickel plated steel cup and hinge arm
- > Order fixing screws separately
- > Order qty: 1 pc

Minimum gap

Door thickness	Distance to cup E mm				
	3.0	4.0	5.0	6.0	7.0
15	0.5	1.2	2.0	3.0	3.9
16	0.5	1.3	2.2	3.2	4.2
17	0.5	1.4	2.3	3.4	4.3
18	0.7	1.5	2.5	3.5	4.6
19	0.8	1.7	2.8	3.7	5.0
20	1.0	1.9	2.9	3.8	5.1
21	1.2	2.2	3.0	4.0	5.2
22	1.3	2.3	3.3	4.2	5.3
Minimum gap F					

Rounding off the edge of door reduces the given values



The values (distance to cup) in the table apply to centre position of side adjusting screw

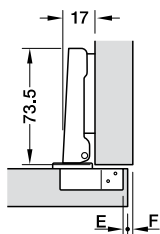
Häfele Metalla 310 110° concealed hinge, full overlay mounting



Nickel plated finish



Black nickel plated finish

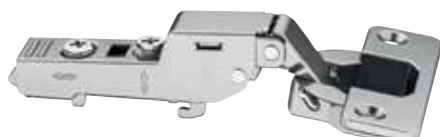


Door overlay mm								
10	11	12	13	14	15	16	17	18
				3	4	5	6	7
		3	4	5	6	7		
3	4	5	6	7				
Distance to cup E mm								Mounting plate distance mm
								0
								2
								4



Clip-on screw fixing		
Black nickel plated		Nickel plated
45/9.5 drilling pattern for cup fixing		
With soft close	311.04.648	311.04.248
Without soft close	311.04.642	311.04.242
Unsprung	-	311.60.924
Push-to-open	-	311.60.914
48/6 drilling pattern for cup fixing		
Unsprung	-	311.60.918
Push to open	-	311.84.506

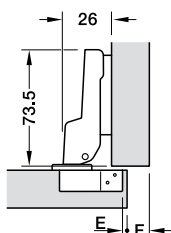
Häfele Metalla 310 110° concealed hinge, half overlay/twin mounting



Nickel plated finish



Black nickel plated finish



Door overlay mm

1	2	3	4	5	6	7	8	9	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup E mm

Mounting plate distance mm



Clip-on screw fixing

Black nickel plated

Nickel plated

45/9.5 drilling pattern for cup fixing

With soft close	311.04.651	311.04.251
Without soft close	311.04.643	311.04.243
Unsprung	-	311.60.921
Push-to-open	-	311.60.912

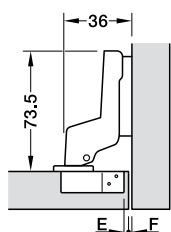
Häfele Metalla 310 110° concealed hinge, inset mounting



Nickel plated finish



Black nickel plated finish



Door gap mm

8	7	6	5	4	3	2	1	0	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup E mm

Mounting plate distance mm



Clip-on screw fixing

Black nickel plated

Nickel plated

45/9.5 drilling pattern for cup fixing

With soft close	311.04.654	311.04.254
Without soft close	311.04.644	311.04.244
Unsprung	-	311.60.919
Push-to-open	-	311.60.910

YOU ALSO NEED:


MOUNTING PLATES
Shown below

FIXING SCREWS
Pages 13.6-22

OPTIONAL ACCESSORIES
Pages 9.125-137

Cruciform mounting plate

Nickel plated

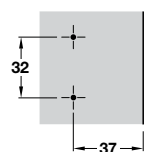
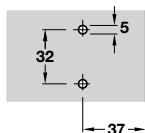
Black nickel plated



With pre-mounted Euro screws



For Hospa screws



- > For quick fixing systems
- > With Pre-mounted Euro screws or Hospa screw fixing
- > Two part plate with ± 2 mm height adjustment
- > Black nickel plated or nickel-plated steel
- > Order fixing screws separately for Hospa screw fixing versions
- > Order qty: 1 pc



Height	Pre-mounted Euro screws	Hospa screw
Black nickel plated finish		
0 mm	311.70.720	311.70.710
2 mm	311.70.722	311.70.712
4 mm	311.70.724	311.70.714
Nickel plated finish		
0 mm	311.70.620	311.70.610
2 mm	311.70.622	311.70.612
4 mm	311.70.624	311.70.614



Information on mounting plate adjustment is shown on page 9.15

PAGE AMENDED
04.11.24/4