

Häfele Metalla 510 A/SM push 110° concealed hinge for doors made of special materials with min. 8 mm thickness

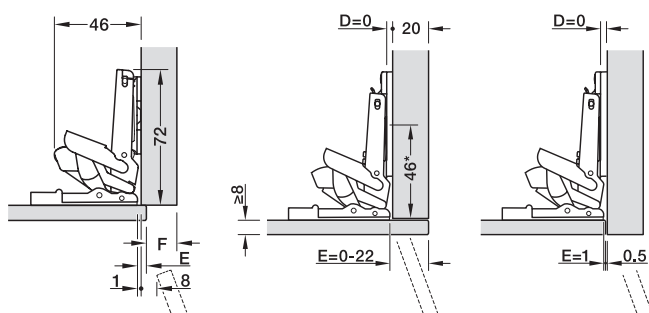


- > Area of application: For doors made from special materials with min. 8 mm thickness such as metal, ceramic, cement or quartz composites
- > Material: Cup: Zinc alloy, hinge arm: Steel
- > Colour/finish: Nickel plated
- > Opening angle: 110°
- > Adjusting facility: Side adjustment -1.5/+4.5 mm, height adjustment ± 2 mm, depth adjustment with Metalla 510 A mounting plates +2.8 mm, with Metalla 510 SM mounting plates from -0.5/+2.8 mm
- > Installation: Door on cabinet with slide-on system A or quick fixing system SM

Note

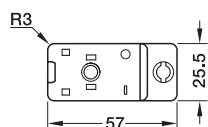
With overlay mounting, the drilling position of the mounting plates must be set back by 9 mm. With inset mounting by 9 mm + door thickness + 1 mm.

External dimensions and distances

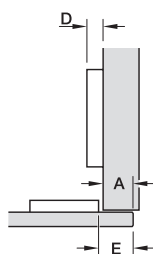


Full overlay mounting

*Installation with cruciform mounting plates

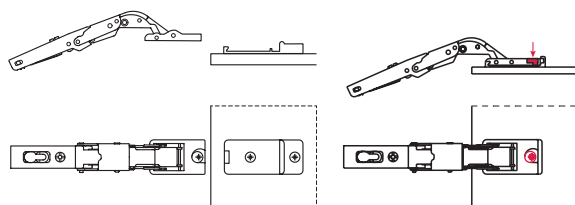


Calculation of mounting plate distance



D = -1 + E - (A)
A = Door overlay
D = Distance mounting plate
E = Distance to cup
F = Minimum gap

Installation



- 1) Mount cup plate on the door using the supplied screws.
- 2) To mount hinge, position cup on cup plate and then turn eccentric.

→ **Full overlay mounting**

Door overlay mm																	
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	
10	11	12	13	14	15	16	17	18	19	20	21	22				3	
13	14	15	16	17	18	19	20	21	22							6	
16	17	18	19	20	21	22										9	
Distance to cup E mm										Mounting plate distance mm							

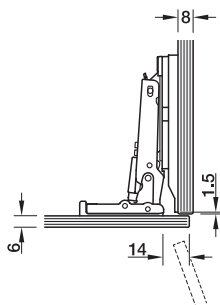
Door overlay mm																
-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	
									0	1	2	3	4	5	6	0
						0	1	2	3	4	5	6	7	8	9	3
			0	1	2	3	4	5	6	7	8	9	10	11	12	6
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	9
Distance to cup E mm										Mounting plate distance mm						

 	
Cup fixing	Cat. No.
With automatic opening mechanism	
For screw fixing	329.26.702
With soft closing mechanism, with automatic closing spring	
For screw fixing	329.26.701
Packing: 1 or 50 pieces	
Order reference	
Replacement cup plates available by request (minimum order quantity 600 pieces).	

❗ Glass gluing technique	► MB 13.4
❗ Mounting plates and accessories	► MB 4.42
❗ Push-to-Open opening aid	► MB 4.58
❗ Häfele Metalla 510 soft closing system for doors	► MB 4.63

→ Mounting plate

For glue fixing on glass and mirror doors



- > Material: Zinc alloy
- > Colour/finish: Nickel plated
- > Adjustment facility: Height adjustment via eccentric ± 2 mm, depth adjustment via eccentric $-0.5/+2.8$ mm
- > Installation: For glue fixing

Area of application

For glass and mirror doors, for Häfele Metalla 510 A/SM 110°/push 110° concealed hinges

Cat. No.

329.67.095

Packing: 1 or 25 pieces

4

→ Add-on damper for clipping onto hinge arm



- > Suitable for: Häfele Metalla 510 A/SM 110°
- > Material: Plastic
- > Installation: For clipping onto hinge arm

Colour/finish

Grey

Cat. No.

356.11.426

Packing: 1 or 25 pieces

→ Opening angle restraints

For restricting the opening angle to 90°



- > Area of application: For restricting the opening angle to 90°
- > Suitable for: Häfele Metalla 510 A/SM 110°
- > Material: Plastic

Colour/finish

Grey

Cat. No.

356.11.446

Packing: 1 or 25 pieces

→ Cover cap



- > Suitable for: Häfele Metalla 510 A/SM 110°
- > Material: Plastic

Colour/finish

Grey

Cat. No.

356.11.436

Packing: 1 or 25 pieces