

HÄFELE METALLA 540 110° HINGES

For standard applications.

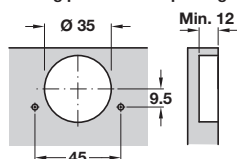
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Furniture Hinges and Flap Fittings: Hinges



Full overlay mounting with mounting plate

Drilling pattern for cup fixing



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

- > For standard applications
- > Opening angle 110°, Ø 35 mm cup
- > Screw fixing cup
- > Installation: Door to cabinet for quick fixing with SM quick fixing system
- > For door thickness 14-25 mm see table below
- > With or without integrated soft close
- > With or without 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
16	0.8	0.8	0.7	0.7	0.7
17	1.0	1.0	0.9	0.9	0.9
18	1.3	1.3	1.2	1.2	1.1
19	1.6	1.5	1.5	1.5	1.4
20	1.9	1.8	1.8	1.7	1.7
21	2.3	2.2	2.1	2.0	2.0
22	2.7	2.6	2.5	2.4	2.4
23	3.2	3.1	3.0	2.9	2.8
24	3.8	3.6	3.5	3.3	3.2
25	4.5	4.2	4.0	3.8	3.6
Minimum gap F					

Rounding off the edge of door reduces the given values

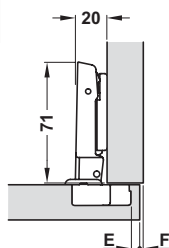
Häfele Metalla 540 110° concealed hinge, full overlay mounting



Nickel plated finish



Black nickel plated finish



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



45/9.5 drilling pattern for cup fixing

Clip-on screw fixing

With soft close and automatic closing spring

Black nickel plated	311.05.003
Nickel plated	311.05.000

Without soft close and automatic closing (unsprung)

Black nickel plated	311.05.009
Nickel plated	311.05.006

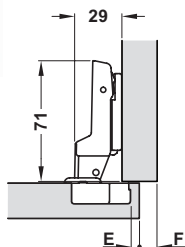
Häfele Metalla 540 110° concealed hinge, half overlay/twin mounting



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

110°



45/9.5 drilling pattern for cup fixing

Clip-on screw fixing

With soft close and automatic closing spring

Black nickel plated	311.05.004
Nickel plated	311.05.001

Without soft close and automatic closing (unsprung)

Black nickel plated	311.05.007
Nickel plated	311.05.010

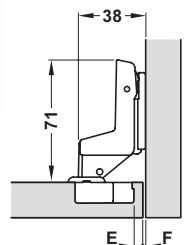
Häfele Metalla 540 110° concealed hinge, inset mounting



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

110°



45/9.5 drilling pattern for cup fixing

Clip-on screw fixing

With soft close and automatic closing spring

Black nickel plated	311.05.005
Nickel plated	311.05.002

Without soft close and automatic closing (unsprung)

Black nickel plated	311.05.008
Nickel plated	311.05.011

YOU ALSO NEED:

MOUNTING PLATES
Shown belowFIXING SCREWS
Pages 13.6-22OPTIONAL ACCESSORIES
Pages 9.125-137

Häfele Metalla 540 cruciform mounting plate, 4 point fixing

Nickel plated

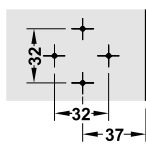
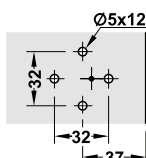


With pre-mounted Euro screws

Black nickel plated



For Hospa screws



- > For Metalla 540 SM hinges
- > With eccentric adjustment
- > SM quick-mount system
- > With Pre-mounted Euro screws or Hospa screw fixing
- > Height adjustment: ± 2 mm via eccentric, ± 2 mm in elongated hole
- > 4 point fixing for increased stability
- > 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	
Finish	Black nickel	Nickel	Black nickel	Nickel
0 mm	311.70.757	311.70.754	311.70.756	311.70.752
2 mm	311.70.759	311.70.755	311.70.758	311.70.753



Information on mounting plate adjustment is shown on page 9.15