

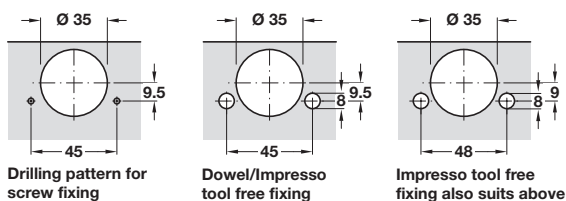
GRASS TIOMOS 120° SOFT CLOSE HINGES

9

Furniture Hinges and Flap Fittings: Hinges



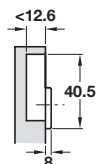
Drilling pattern for cup fixing



Drilling pattern for screw fixing

Dowel/Impresso tool free fixing

Impresso tool free fixing also suits above



For 95/110/120° hinges

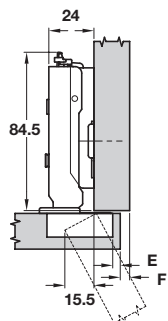
- > For standard applications
- > Opening angle 120° (can be restricted to 85°, see page **9.87** for details), Ø 35 mm cup
- > For door thickness up to 24 mm (for door thicknesses 24 mm and above, a trial fitting is recommended)
- > Available with or without integrated soft close
- > Screw fixing, dowel or Impresso (quick fix) fixing cup
- > Click on arm
- > Full overlay and full overlay plus mounting has steel cup and hinge arm. Half overlay and inset mounting has steel cup and zinc alloy 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	0.6	0.6	0.6	0.6	0.6
17	0.6	0.6	0.6	0.6	0.6
18	0.7	0.7	0.7	0.7	0.7
19	0.9	0.9	0.9	0.9	0.9
20	1.1	1.1	1.1	1.1	1.1
21	1.4	1.3	1.3	1.3	1.3
22	3.0	2.0	1.5	1.5	1.5
24	6.4	5.4	4.4	3.4	2.4

Minimum gap F

Grass Tiomos 120° concealed hinge, full overlay mounting



Application example with 2 mm mounting plate shown - see table opposite for details

Door overlay mm							
13	14	15	16	17	18	19	
		3	4	5	6	7	0
3	4	5	6	7			2

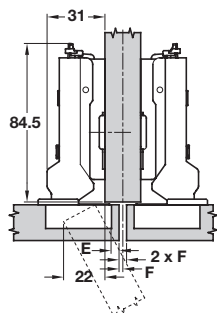
Distance to cup E mm

Mounting plate distance mm



Soft close	Screw fixing	Impresso	Dowel
With	348.36.801	348.36.631	348.35.810
Without	348.36.601	-	-

Grass Tiomos 120° concealed hinge, half overlay/twin mounting



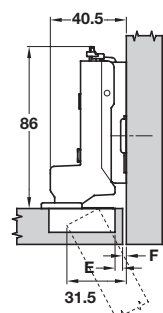
Application example with 2 mm mounting plate shown - see table opposite for details

Door overlay mm							
6.5	7.5	8.5	9.5	10.5	11.5	12.5	
		3	4	5	6	7	0
3	4	5	6	7			2
Distance to cup E mm				Mounting plate distance mm			



Soft close	Screw fixing	Dowel
With	348.36.802	348.35.812

Grass Tiomos 120° concealed hinge, inset mounting



Set mounting plate back by door thickness + 1.5 mm

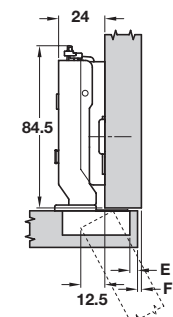
Application example with 2 mm mounting plate shown - see table opposite for details

Door gap mm					
	4	3	2	1	0
				3	4
					0
		3	4	5	6
Distance to cup E mm			Mounting plate distance mm		



Soft close	Screw fixing	Dowel
With	348.36.803	348.35.813
Without	348.36.603	-

Grass Tiomos 120° concealed hinge, full overlay plus



Application example with 2 mm mounting plate shown - see table opposite for details

Door overlay mm							
16	17	18	19	20	21	22*	
		3	4	5	6	8	0
3	4	5	6	7			2
Distance to cup E mm				Mounting plate distance mm			

*door overlay from 24 mm, use mounting plate 348.38.560 on page 9.82



Soft close	Screw fixing	Dowel
With	348.36.800	-
Without	348.36.600	-

YOU ALSO NEED:



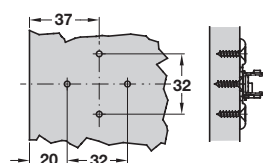
MOUNTING PLATES
Pages 9.80-82



FIXING SCREWS
Pages 13.6-12

OPTIONAL ACCESSORIES
Pages 9.87-88, 9.126-137

Grass Tiomos cruciform mounting plate, 4 point fixing



- > For TIOMOS click on fixing hinges only
- > Hospa screw fixing
- > Two part plate with ± 2 mm height adjustment via worm screw
- > Nickel-plated steel
- > Order fixing screws separately
- > Order qty: 1 pc



Height	0 mm	2 mm
Hospa screw	348.38.511	348.38.512



A wider range of mounting plates are shown on pages 9.80-82