GRASS TIOMOS 110º SOFT CLOSE HINGES

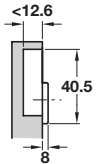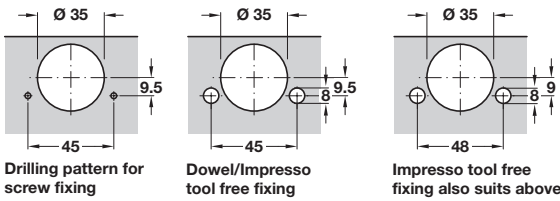**9**

Furniture Hinges and Flap Fittings: Hinges

Tiomos Night - anthracite finish

Nickel-plated finish

> - For standard applications
> - Opening angle 110º (can be restricted to 85º, see page **73** 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)
> - Up to 24 mm overlay using full overlay plus hinge (see page **43**)
> - 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
> - Tiomos Night, anthracite finish, also available
> - Order fixing screws separately
> - Order qty: 1 pc

Drilling pattern for cup fixing

Ø 35   9.5   45

Drilling pattern for screw fixing

Ø 35   8   9.5   45

Dowel/Impresso tool free fixing

Ø 35   8   9   48

Impresso tool free fixing also suits above

<12.6   40.5   8

For 95/110/120º hinges

Minimum gap for doors with chamfered edges (r = 1 mm) with factory setting

Door thickness mm	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	1.6	1.6	1.6	1.5	1.5
24	2.4	2.1	2.1	2.1	2.0
Minimum gap F					

Grass Tiomos 110º concealed hinge, full overlay mounting
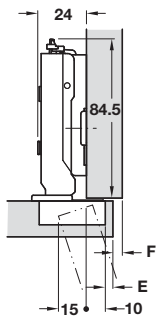
24   84.5   F   E   15   10

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 height mm		

110º

GRASS **25** YEAR WARRANTY

FIXINGS REQUIRED H·SPA Ø 3.5

Soft close	Screw fixing	Impresso	Dowel
Nickel-plated finish			
With	348.31.801	348.31.831	348.31.811
Without	348.31.601	348.31.631	-
Tiomos Night - anthracite finish			
With	348.31.805	-	-

Most of the products you will find in this Directory are available within 24 hours. However, to be able to offer the breadth of range in our collection, a small number of products have a longer lead time that is typically around 14 days. Please call 0800 171 2909 for an accurate delivery date when you see this symbol.

Grass Tiomos 110° concealed hinge, half overlay/twin mounting
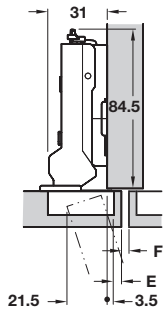
31
84.5
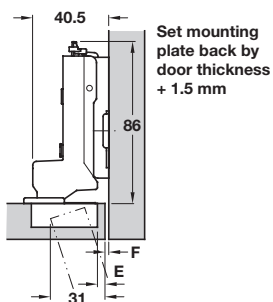**21.5** **3.5**
F **E**

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 height mm				

110°

GRASS **25** YEAR WARRANTY

FIXINGS REQUIRED H+SPA Ø 3.5

Soft close	Finish	Screw fixing	Impresso
With	Nickel-plated	348.31.802	348.31.832
Without	Nickel-plated	348.31.602	-
Tiomos Night			
With	Anthracite	348.31.806 ⏱	-

Grass Tiomos 110° concealed hinge, inset mounting

40.5
Set mounting plate back by door thickness + 1.5 mm
86
F **E**
31

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	2		
Distance to cup E mm			Mounting plate height mm				

110°

GRASS **25** YEAR WARRANTY

FIXINGS REQUIRED H+SPA Ø 3.5

Soft close	Finish	Screw fixing	Impresso
With	Nickel-plated	348.31.803	348.31.833
Without	Nickel-plated	348.31.603	-
Tiomos Night			
With	Anthracite	348.31.807	-

Grass Tiomos 110° concealed hinge, full overlay plus
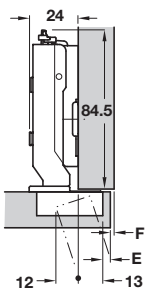
24
84.5
12 **13**
F **E**

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	7	0	
3	4	5	6	7			2	
Distance to cup E mm				Mounting plate height mm				

*door overlay from 24 mm, use mounting plate 348.38.560 on page **68**

110°

GRASS **25** YEAR WARRANTY

FIXINGS REQUIRED H+SPA Ø 3.5

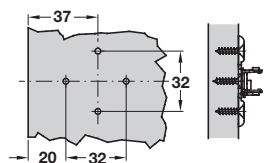| Soft close	Finish	Screw fixing	Impresso
With	Nickel-plated	348.31.800	348.31.830
Without	Nickel-plated	348.31.600	-

YOU ALSO NEED:

✓ **MOUNTING PLATES**
Pages 66-68

✓ **FIXING SCREWS**
Section 13 pages 8-14

OPTIONAL ACCESSORIES
Pages 73-74, 109-121

Grass Tiomos cruciform mounting plate, 4 point fixing

37
32
20 **32**

> 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

BEST SELLER

GRASS **25** YEAR WARRANTY

FIXINGS REQUIRED H+SPA Ø 3.5

➡ A wider range of mounting plates are shown on pages **66-68**

Height	0 mm	2 mm
Hospa screw	348.38.511	348.38.512

Furniture Hinges and Flap Fittings: Hinges

PAGE AMENDED 10.07.19/1