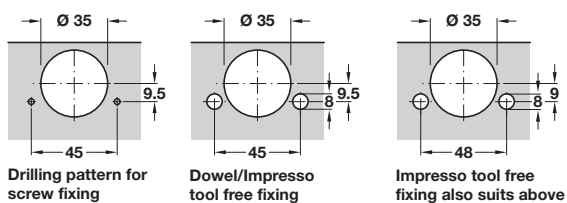


# TIOMOS 110° SOFT CLOSE HINGES



- > For standard applications
- > Opening angle 110° (can be restricted to 85°, see page 367 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 339)
- > Available with or without integrated soft close
- > Screw fixing, dowel or impresso (quick fix) fixing cup
- > Click on arm
- > Full overlay mounting steel cup and hinge arm, half overlay and inset mounting steel cup and zinc alloy arm
- > Order fixing screws separately
- > Order qty: 1 pc

Drilling pattern for cup fixing



Drilling pattern for screw fixing

Dowel/Impresso tool free fixing

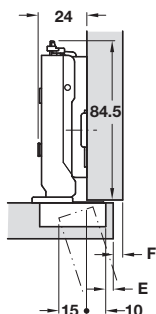
Impresso tool free fixing also suits above

For 95/110/120° hinges

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					

## Full overlay mounting



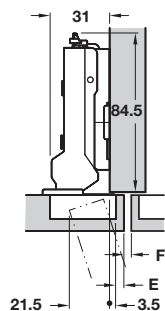
Door overlay mm

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			



Soft close	Screw fixing	Impresso	Dowel
With	348.31.801	348.31.831	348.31.811
Without	348.31.601	348.31.631	-

## Half overlay/twin mounting



### 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



### Soft close

### Screw fixing

### Impresso

### With

348.31.802

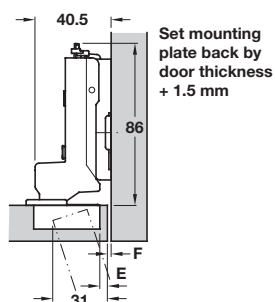
348.31.832

### Without

348.31.602

-

## Inset mounting



### 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



### Soft close

### Screw fixing

### Impresso

### With

348.31.803

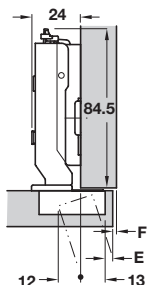
348.31.833

### Without

348.31.603

-

## Full overlay plus



### 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



### Soft close

### Screw fixing

### Impresso

### With

348.31.800

348.31.830

### Without

348.31.600

-

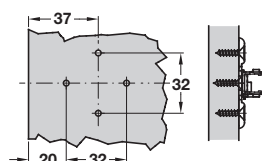
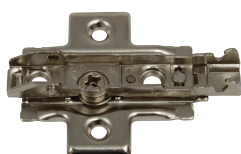
## YOU ALSO NEED:

**MOUNTING PLATES**  
Pages 364-366

**FIXING SCREWS**  
Page 468

**OPTIONAL ACCESSORIES**  
Pages 367-368, 403-417

## Cruciform mounting plate, 4 point fixing



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

**BEST SELLER**



### Height

0 mm

### Hospa screw

348.38.511



A wider range of mounting plates are shown on pages **364-366**

# TIOMOS 110° SOFT CLOSE HINGES

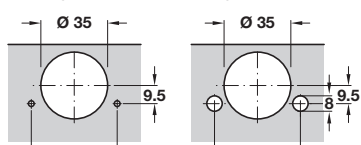


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- > For door thickness up to 24 mm (for door thicknesses 24 mm and above, a trial fitting is recommended)
- > Up to 24 mm overlay using full overlay plus hinge (see page 339)
- > Available with or without integrated soft close
- > Screw fixing, dowel or impresso (quick fix) fixing cup
- > Click on arm
- > Full overlay mounting steel cup and hinge arm, half overlay and inset mounting steel cup and zinc alloy arm
- > Order fixing screws separately
- > Order qty: 1 pc

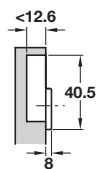
Minimum gap for doors with chamfered edges (r = 1 mm) with face mounting

Door thickness mm	Distance to cup E mm				
	3.0	4.0	5.0	6.0	7.0
18	0.6	0.6	0.6	0.6	0.6
19	0.7	0.7	0.7	0.7	0.7
20	0.9	0.9	0.9	0.9	0.9
21	1.1	1.1	1.1	1.1	1.1
22	1.4	1.3	1.3	1.3	1.3
24	1.6	1.6	1.6	1.5	1.5
	2.4	2.1	2.1	2.1	2.0
Minimum gap F					

Drilling pattern for cup fixing



Drilling pattern for screw fixing

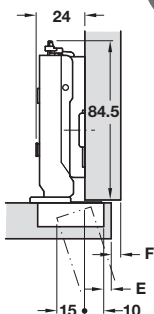


For 95/110/120° hinges

Dowel/Impresso tool free fixing

Impresso tool free fixing (also screws above)

## Full overlay mounting



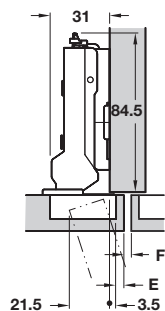
Door overlay mm

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			



Soft close	Screw fixing	Impresso	Dowel
With	348.31.801	348.31.831	348.31.811
Without	348.31.601	348.31.631	-

## Half overlay/twin mounting



### 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



### Soft close

### Screw fixing

### Impresso

### With

348.31.802

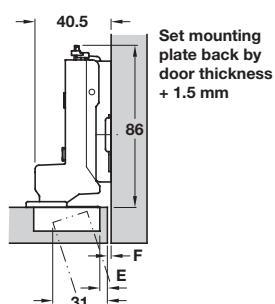
348.31.832

### Without

348.31.602

-

## Inset mounting



### 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



### Soft close

### Screw fixing

### Impresso

### With

348.31.803

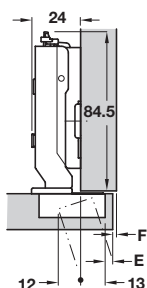
348.31.833

### Without

348.31.603

-

## Full overlay plus



### 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



### Soft close

### Screw fixing

### Impresso

### With

348.31.800

348.31.830

### Without

348.31.600

-

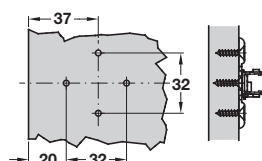
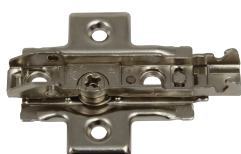
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- > Order qty: 1 pc

**BEST  
SELLER**



### Height

0 mm

### Hospa screw

348.38.511



A wider range of mounting plates are shown on pages **364-366**