

TIOMOS 110/45E

+45° angle corner hinge (inset)



- For 45° angled cabinets
- 110° opening angle
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals

Available in 3 versions:

- With integrated damper (3 adjustable damping levels)
- Without integrated damper
- Without self-closing mechanism (without spring)

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Art.-no.		
		with	without		Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028138534		F017139340
		-	■	-	F045138472		F034139311
		-	■	■	F046138594		-

¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

COVER CAPS

	Designation	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072135500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	GRASS logo	F072135550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		F072135551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072140504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072135503

ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	F069135396		Unclipping protector	F072135807
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Tiomos mounting plates	80
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Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Mounting plate height 0

Mounting plate height 14

Cross mounting plates with fixing distance 37

Door reveal	Cup distance					
	3	4	5	6	7	
1			0			
2		0			2	
3	0			2	3	
4			2	3	3.5	
5		2	3	3.5		
6	2	3	3.5			
7	3	3.5				
8	3.5					
Mounting plate height						
0 2 3 3.5						
Cross mounting plate position (X)						

Door overlay	Cup distance					
	3	4	5	6	7	
22		15.5				
21	14		15			
20			14	15	15.5	
19	12			15	15	
18		12			14	
17			12			
16				12		
15	9				12	
Mounting plate height						
9 12 12 14 15 15.5						
Cross mounting plate position (X)						

Door overlay	Cup distance					
	3	4	5	6	7	
22		53.0				
21	53.0		51.5			
20			51.0	50.5	50.0	
19	52.0			50.0	49.0	
18		50.5			48.5	
17			49.0			
16				47.5		
15	49.0				46.0	
Cross mounting plate position (X)						
46.0 48.5 49.0 50.0 50.5 51.0 51.5 53.0						

MINIMUM REVEAL

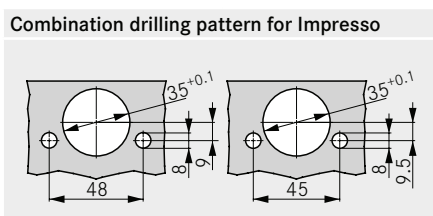
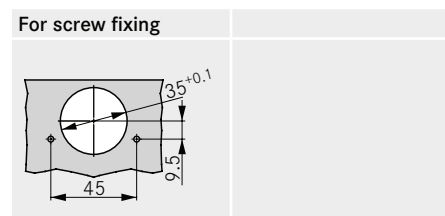
Door thickness	Cup distance					
	3	4	5	6	7	
24.0	2.4	2.1	2.1	2.1	2.0	
22.0	1.6	1.6	1.6	1.5	1.5	
21.0	1.4	1.3	1.3	1.3	1.3	
20.0	1.1	1.1	1.1	1.1	1.1	
19.0	0.9	0.9	0.9	0.9	0.9	
18.0	0.7	0.7	0.7	0.7	0.7	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	
Minimum reveal (F)						

NOTES

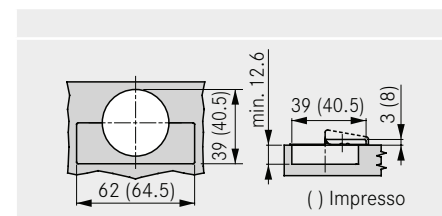
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS



Tiemos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories