

TIOMOS 110/90E

110° blind corner hinge (inset)



- Hinge for blind corner constructions
- 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			Art.-no.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset ¹		■	-	-	F028 138536	F028 138546	F017 139342
		-	■	-	F045 138474	F045 138484	F034 139313
		-	■	■	F046 138596	-	-

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

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			F072 135551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135503

ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	85° opening angle reduction clip	F072 135751		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Tipmatic Pin for wooden and aluminium frame doors	F069 135396		Unclipping protector	F072 135807

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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Cross mounting plates with fixing distance 37

Linear mounting plates

Drilling distance (X)	Cup distance				
	4	5	6	7	
28.0	1	0			
27.0	2	1	0		
26.0	3	2	1	0	
	Door reveal				

Mounting plate height 3

Drilling distance (X)	Cup distance				
	4	5	6	7	
11.0	1	0			
10.0	2	1	0		
9.0	3	2	1	0	
	Door reveal				

MINIMUM REVEAL

	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).

Use standard mounting plate height 3 to ensure that door is flush fitting.

DRILLING PATTERNS 45/9.5

For screw fixing	For press fitting

Combination drilling pattern for Impresso

CUP DIMENSIONS

() Impresso