

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		without spring	Art.-no.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset ¹		■	-	-	F028138536	F028138546	F017139342
		-	■	-	F045138474	F045138484	F034139313
		-	■	■	F046138596	-	-

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	F072135500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	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	0/3/9.5/19	On request	F072140504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072135504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	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	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	354

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

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 ($R = 1 \text{ mm}$) (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

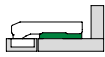
CUP DIMENSIONS

() Impresso

TIOMOS 110/90E

110° blind corner hinge (inset)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Art.-no.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset ¹		■	-	-	F028138110	F028138120	F017139342
		-	■	-	F045138017	F045138027	F034139313
		-	■	■	F046138201	-	-

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

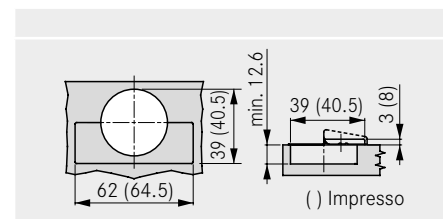
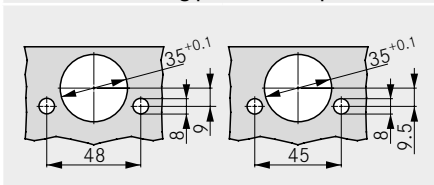
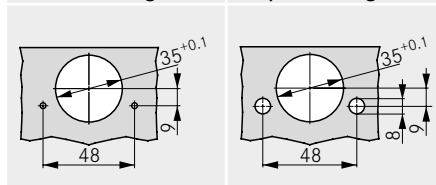
DRILLING PATTERNS 48/9

CUP DIMENSIONS

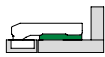
For screw fixing

For press fitting

Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Art.-no.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset ¹		■	-	-	F028138354	F028138364	F017139427
		-	■	-	F045138292	F045138302	F034139398
		-	■	■	F046138414	-	-

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

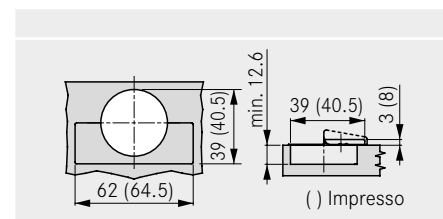
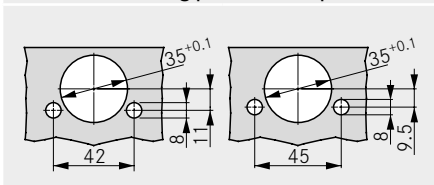
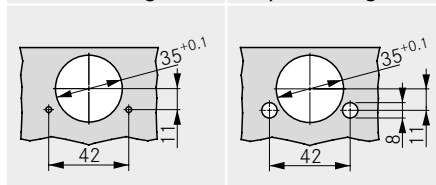
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso

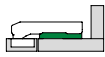


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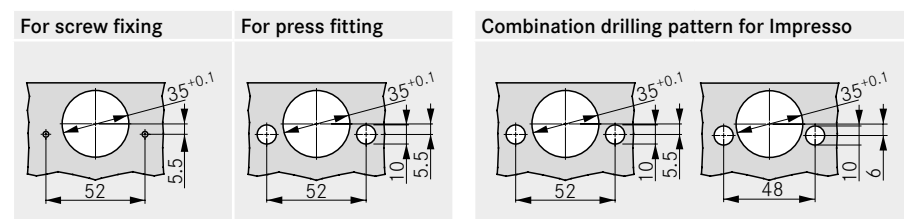
Assembly aids	354
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

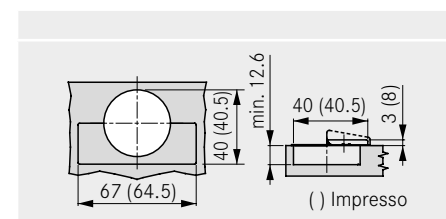
Door overlay		Damper			Art.-no.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset ¹		■	-	-	F028138718	F028138728	F017139512
		-	■	-	F045138656	F045138666	F034139483
		-	■	■	F046138778	-	-

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

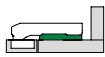
DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

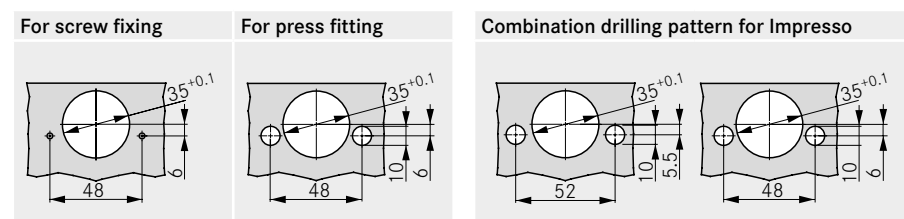


ORDER INFORMATION FOR DRILLING PATTERN 48/6

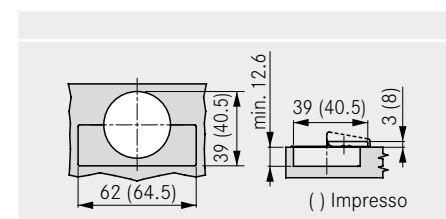
Door overlay		Damper			Art.-no.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Inset ¹		■	-	-	F028138900	F028138910	F017139512
		-	■	-	F045138838	F045138848	F034139483
		-	■	■	F046138960	-	-

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

DRILLING PATTERNS 48/6



CUP DIMENSIONS



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