

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		■	-	-	F028 138534		F017 139340
		-	■	-	F045 138472		F034 139311
		-	■	■	F046 138594		-

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	F072 135500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	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	On request	F072 140504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135503

ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	F069 135396		Unclipping protector	F072 135807
	Countersunk wood screw Ø 3.5 x 15 mm	F146 073976			

Tiomos mounting plates	102
Accessories	112

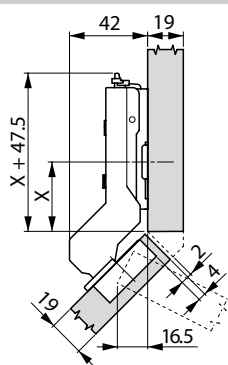
Tipmatic	302
Technical information	116

Assembly aids	354

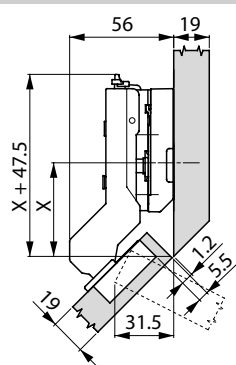
INSTALLATION INFORMATION

All dimensions in millimetres

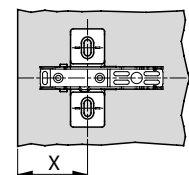
Inset



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							

	Mounting plate height					
	0	2	3	3.5		
	37	35	34	33.5		
Cross mounting plate position (X)						

	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					

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)						

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)							

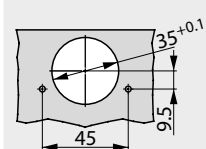
NOTES

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

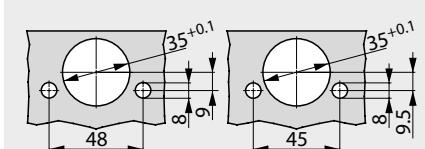
For door thicknesses of 24 mm and above,
a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

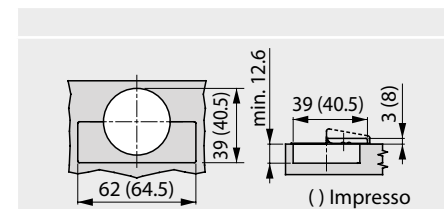
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS

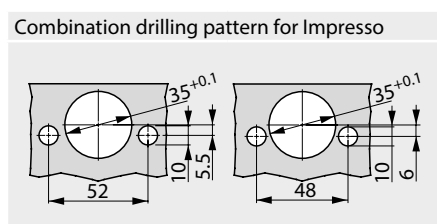
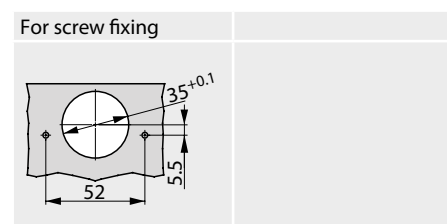


ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

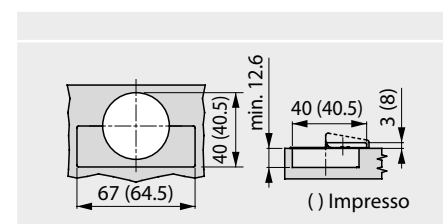
Door overlay			Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138716		F017 139510
			-	■	-	F045 138654		F034 139481
			-	■	■	F046 138776		-

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

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

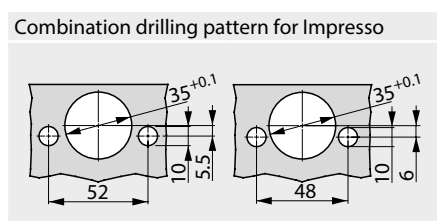
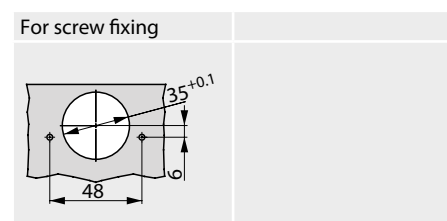


ORDER INFORMATION FOR DRILLING PATTERN 48/6

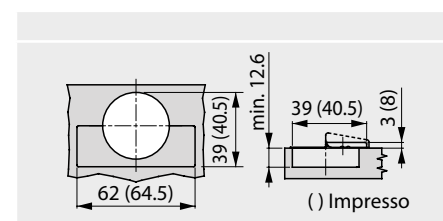
Door overlay			Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138898		F017 139510
			-	■	-	F045 138836		F034 139481
			-	■	■	F046 138958		-

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

DRILLING PATTERNS 48/6



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

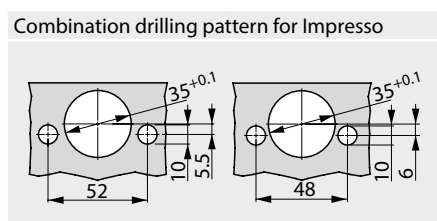
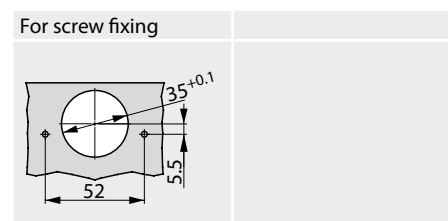
Assembly aids	354

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

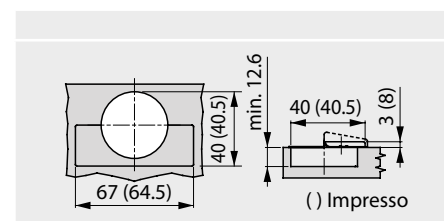
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DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

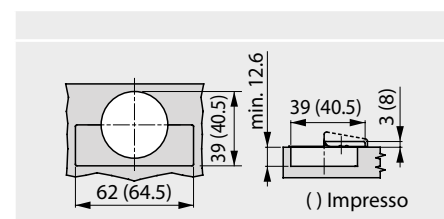
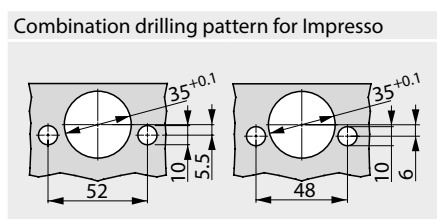
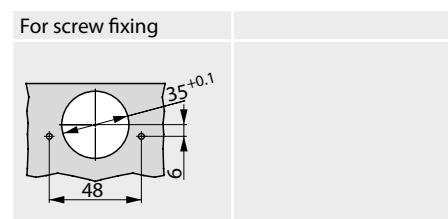


ORDER INFORMATION FOR DRILLING PATTERN 48/6

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			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138898		F017 139510
			-	■	-	F045 138836		F034 139481
			-	■	■	F046 138958		-

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