

TIOMOS 110/37E

+37° angle corner cabinet hinge(inset)



- For 37° 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 138532		F017 139338
		-	■	-	F045 138470		F034 139309
		-	■	■	F046 138592		-

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			

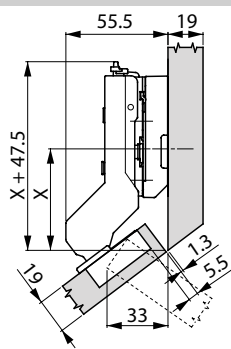
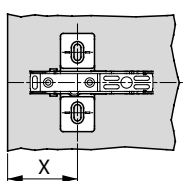
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	354

INSTALLATION INFORMATION

All dimensions in millimetres

Inset						
						
Mounting plate height 12						
Door overlay	Cup distance					
	3	4	5	6	7	
	22	12		14		15
	21		12		14	
	20			12		14
	19				12	
	18	9				
	17		9.5			12
	16	8	9	9.5		
	15		8	9		
Mounting plate height						
						
Cross mounting plates with fixing distance 37						
Door overlay	Cup distance					
	3	4	5	6	7	
	22	59.0		57.5		56.5
	21		57.5		56.5	
	20			56.5		55.0
	19				55.0	
	18	56.0				
	17		54.5			53.0
	16	54.5	54.0	53.0		
	15		53.0	52.5		
Cross mounting plate position (X)						

MINIMUM REVEAL

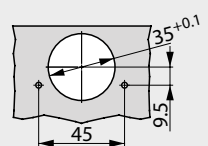
Door thickness	Cup distance					
	3	4	5	6	7	
	24.0	2.4	2.1	2.1	2.1	2.0
	22.0	1.6	1.6	1.6	1.5	1.5
	21.0	1.4	1.3	1.3	1.3	1.3
	20.0	1.1	1.1	1.1	1.1	1.1
	19.0	0.9	0.9	0.9	0.9	0.9
	18.0	0.7	0.7	0.7	0.7	0.7
	17.0	0.6	0.6	0.6	0.6	0.6
	16.0	0.6	0.6	0.6	0.6	0.6
	15.0	0.6	0.6	0.6	0.6	0.6
Minimum reveal (F)						

NOTES

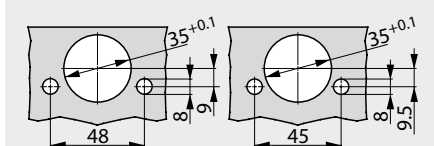
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

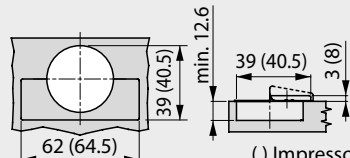
DRILLING PATTERNS 45/9.5

For screw fixing


Combination drilling pattern for Impresso



CUP DIMENSIONS


() Impresso

Tiomas

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

TIOMOS 110/37E

+37° angle corner cabinet hinge(inset)

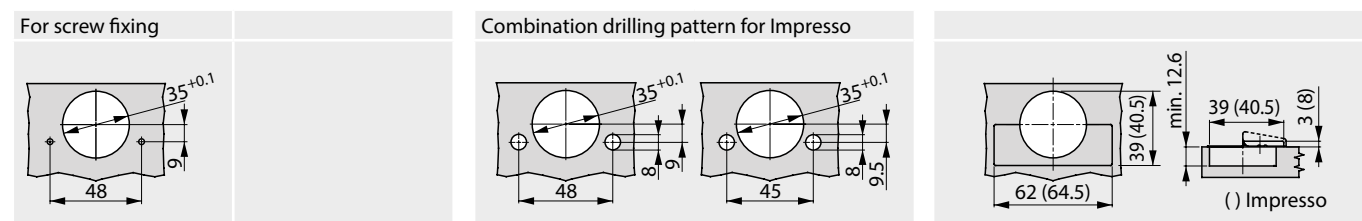
ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay			Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138106		F017 139338
			-	■	-	F045 138013		F034 139309
			-	■	■	F046 138197		-

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

DRILLING PATTERNS 48/9

CUP DIMENSIONS



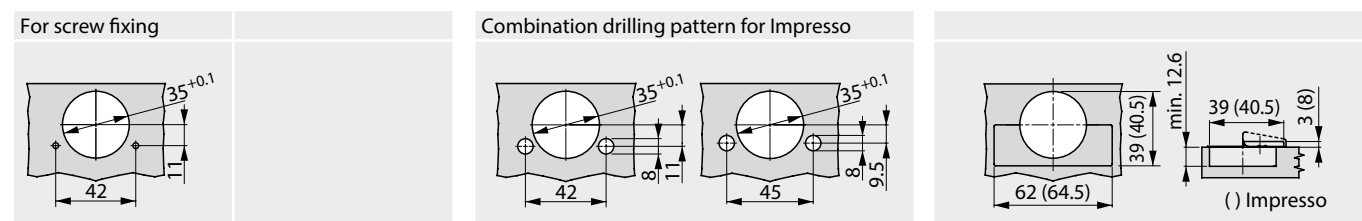
ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay			Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138350		F017 139423
			-	■	-	F045 138288		F034 139394
			-	■	■	F046 138410		-

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

DRILLING PATTERNS 42/11

CUP DIMENSIONS



Tiomos mounting plates	102	Tipmatic	302	Assembly aids	354
Accessories	112	Technical information	116		

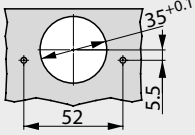
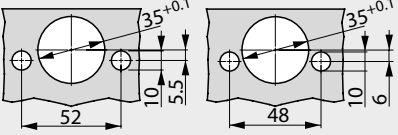
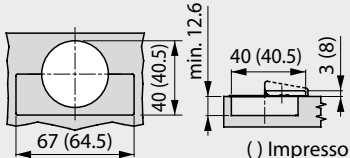
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay			Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138714		F017 139508
			-	■	-	F045 138652		F034 139479
			-	■	■	F046 138774		-

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

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS

For screw fixing		Combination drilling pattern for Impresso	
			

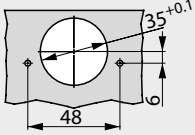
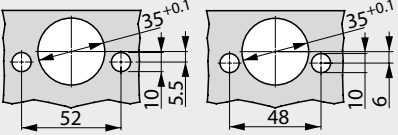
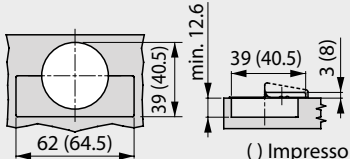
ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay			Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing		Impresso without tools
Inset ¹			■	-	-	F028 138896		F017 139508
			-	■	-	F045 138834		F034 139479
			-	■	■	F046 138956		-

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

DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing		Combination drilling pattern for Impresso	
			

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