

# TIOMOS / 110/45A

## +45° angle corner cabinet hinge (overlay)



- 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	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028138533</b>		<b>F017139339</b>
		-	■	-	<b>F045138471</b>		<b>F034139310</b>
		-	■	■	<b>F046138593</b>		-

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

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069068873</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Tiomos mounting plates	160
Accessories	168

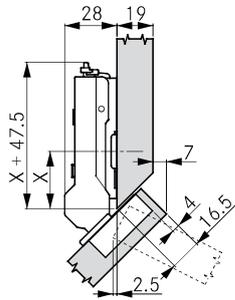
Tipmatic	362
Technical information	170

Assembly aids	808
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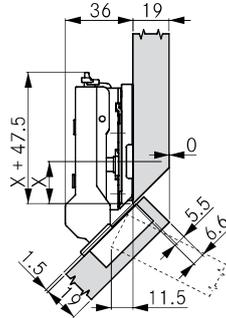
INSTALLATION INFORMATION

All dimensions in millimetres

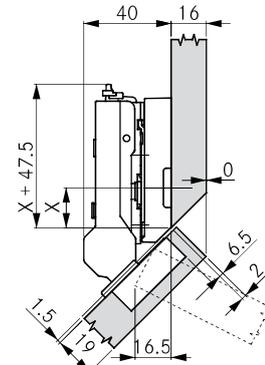
overlay



Mounting plate height 0

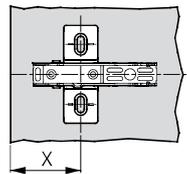


Mounting plate height 8

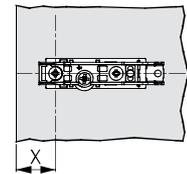


Mounting plate height 12

Door overlay	Cup distance					
	3	4	5	6	7	
19.5					0	
19.0						
18.5				0		
18.0						
17.5			0			
17.0						
16.5		0			2	
16.0						
15.5	0			2		
15.0					3	
14.5			2		3.5	
14.0				3		
13.5		2		3.5		
13.0			3			
12.5	2		3.5			
12.0		3				
11.0	3				6	
10.0				6		
	Mounting plate height					



Cross mounting plates with fixing distance 37



Linear mounting plates

X	Mounting plate height				
	0	2	3	3.5	6
X	30.5	28.5	27.5	27.0	24.5
	Cross mounting plate position (X)				

X	Mounting plate height			
	0	2	3	3.5
X	13.5	11.5	10.5	10.0
	Linear mounting plate position (X)			

MINIMUM GAP

Door overlay	Cup distance					
	3	4	5	6	7	
24.0	1.0	1.0	1.0	1.2	2.1	
22.0	1.0	1.0	1.0	1.0	1.5	
21.0	1.0	1.0	1.0	1.0	1.2	
20.0	1.0	1.0	1.0	1.0	1.0	
19.0	1.0	1.0	1.0	1.0	1.0	
18.0	1.0	1.0	1.0	1.0	1.0	
17.0	1.0	1.0	1.0	1.0	1.0	
16.0	1.0	1.0	1.0	1.0	1.0	
	Minimum gap					

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

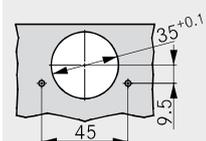
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

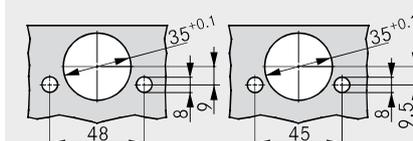
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

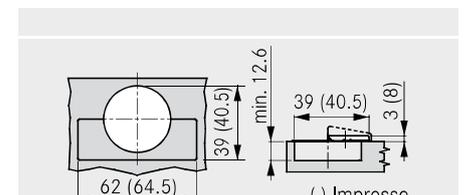
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS



# TIOMOS 110/45A

+45° angle corner cabinet hinge (overlay)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

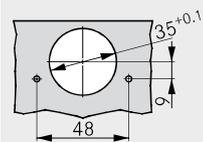
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	F028 138 107		F017 139 339	
		-	■	-	F045 138 014		F034 139 310	
		-	■	■	F046 138 198		-	

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

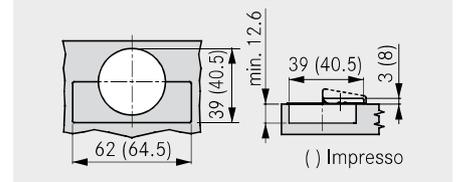
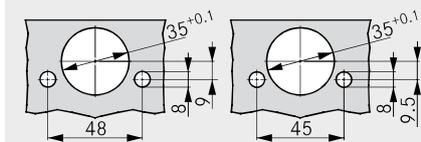
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

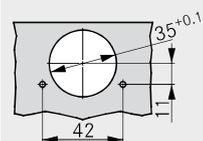
Door overlay		Damper			without spring	Item No.		
		with	without			Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	F028 138 351		F017 139 424	
		-	■	-	F045 138 289		F034 139 395	
		-	■	■	F046 138 411		-	

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

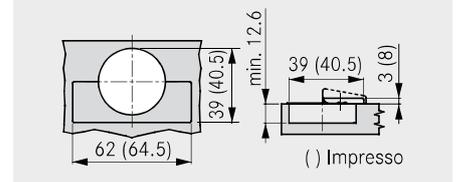
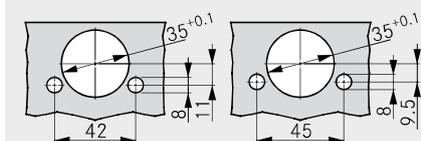
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	160
Accessories	168

Tipmatic	362
Technical information	170

Assembly aids	808
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**ORDER INFORMATION FOR DRILLING PATTERN 52/5.5**

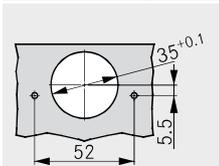
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138715</b>		<b>F017 139509</b>
		-	■	-	<b>F045 138653</b>		<b>F034 139480</b>
		-	■	■	<b>F046 138775</b>		-

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

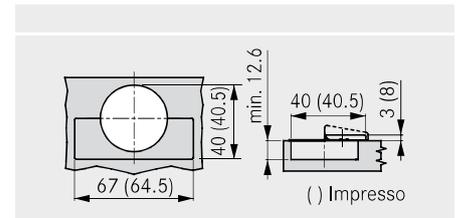
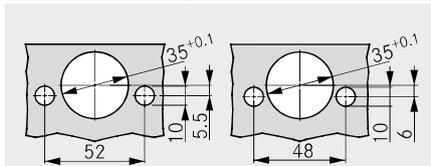
**DRILLING PATTERNS 52/5.5**

**CUP DIMENSIONS**

For screw fixing



Combination drilling pattern for Impresso



**ORDER INFORMATION FOR DRILLING PATTERN 48/6**

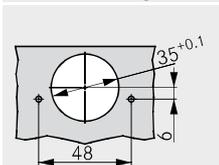
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Overlay <sup>1</sup>		■	-	-	<b>F028 138897</b>		<b>F017 139509</b>
		-	■	-	<b>F045 138835</b>		<b>F034 139480</b>
		-	■	■	<b>F046 138957</b>		-

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

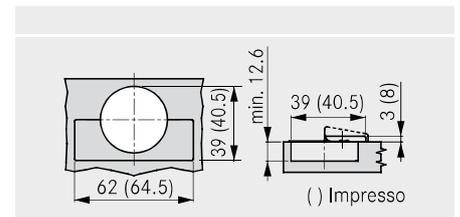
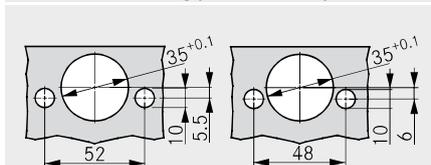
**DRILLING PATTERNS 48/6**

**CUP DIMENSIONS**

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	160
Accessories	168

Tipmatic	362
Technical information	170

Assembly aids	808
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# 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	Item No.		
		with	without		Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028138534</b>		<b>F017139340</b>
		-	■	-	<b>F045138472</b>		<b>F034139311</b>
		-	■	■	<b>F046138594</b>		-

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

### COVER CAPS

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	<b>F072135500</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	<b>F072135503</b>

### ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069068873</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Tiomos mounting plates	160
Accessories	168

Tipmatic	362
Technical information	170

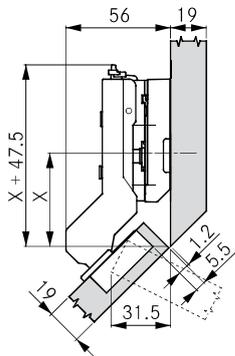
Assembly aids	808
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INSTALLATION INFORMATION

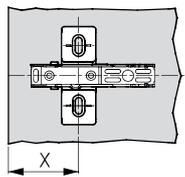
All dimensions in millimetres

2

Inset



Mounting plate height 14



Cross mounting plates with fixing distance 37

Door thickness	Cup distance					Mounting plate height
	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	

Door thickness	Cup distance					Cross mounting plate position (X)
	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	

MINIMUM REVEAL

Door thickness	Cup distance					Minimum reveal (F)
	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	

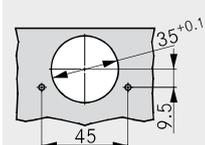
NOTES

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

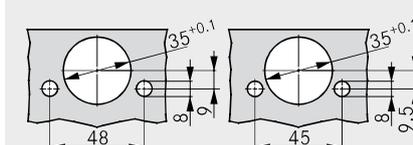
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

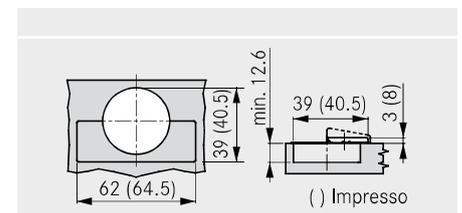
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS



# TIOMOS 110/45E

+45° angle corner cabinet hinge (inset)

## ORDER INFORMATION FOR DRILLING PATTERN 48/9

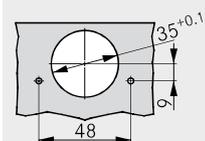
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	F028 138 108		F017 139 340
		-	■	-	F045 138 0 15		F034 139 3 11
		-	■	■	F046 138 1 99		-

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

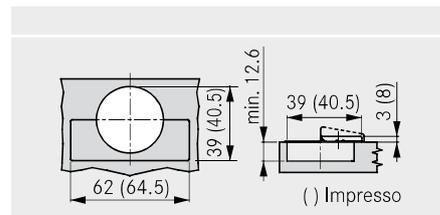
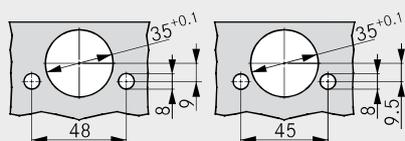
## DRILLING PATTERNS 48/9

## CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



## ORDER INFORMATION FOR DRILLING PATTERN 42/11

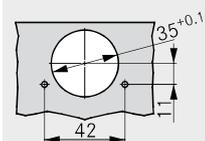
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	F028 138 3 52		F017 139 4 25
		-	■	-	F045 138 2 90		F034 139 3 96
		-	■	■	F046 138 4 12		-

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

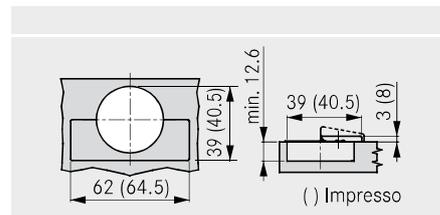
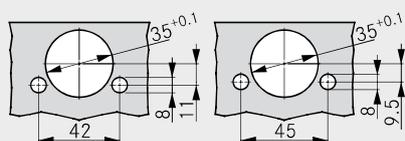
## DRILLING PATTERNS 42/11

## CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	160
Accessories	168

Tipmatic	362
Technical information	170

Assembly aids	808
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**ORDER INFORMATION FOR DRILLING PATTERN 52/5.5**

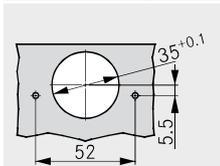
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028 138716</b>		<b>F017 139510</b>
		-	■	-	<b>F045 138654</b>		<b>F034 139481</b>
		-	■	■	<b>F046 138776</b>		-

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

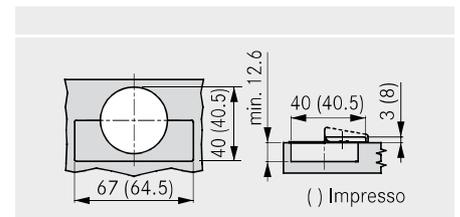
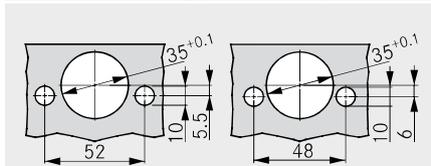
**DRILLING PATTERNS 52/5.5**

**CUP DIMENSIONS**

For screw fixing



Combination drilling pattern for Impresso



**ORDER INFORMATION FOR DRILLING PATTERN 48/6**

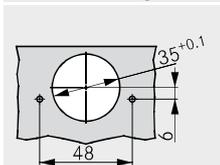
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset <sup>1</sup>		■	-	-	<b>F028 138898</b>		<b>F017 139510</b>
		-	■	-	<b>F045 138836</b>		<b>F034 139481</b>
		-	■	■	<b>F046 138958</b>		-

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

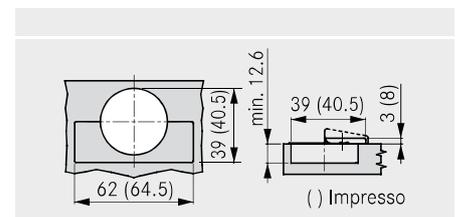
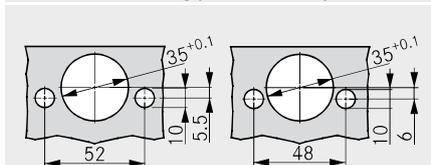
**DRILLING PATTERNS 48/6**

**CUP DIMENSIONS**

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	160
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