

TIOMOS 160

160° wide-angle hinge(door thicknesses up to 32 mm)



- 160° opening angle
- Convenient depth adjustment via worm gear
- For cabinets with inset drawers or pull-out shelves
- Optimum reveals for door thicknesses up to 32 mm
- 3-dimensional adjustment with appropriate mounting plate
- Minimum reveals
- Shallow cup depth

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		Cranking	Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹		0	■	-	-	F028 138561	F028 138564	F017 139350
			-	■	-	F045 138499	F045 138502	F034 139321
			-	■	■	F046 138621	-	F035 139378
Overlay ¹		3	■	-	-	F028 138562	F028 138565	F017 139351
			-	■	-	F045 138500	F045 138503	F034 139322
			-	■	■	F046 138622	-	F035 139379
Half overlay ¹		9.5	■	-	-	F028 138563	F028 138566	F017 139352
			-	■	-	F045 138501	F045 138504	F034 139323
			-	■	■	F046 138623	-	F035 139380

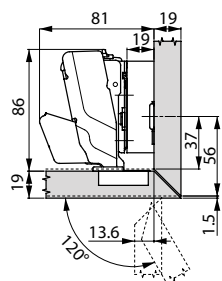
¹ Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

ACCESSORIES

	Designation	Art.-no.
	120° opening angle reduction clip	F072 135753
	Tipmatic Pin for wooden and aluminium frame doors	F069 135396

	Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	F146 073976
	Unclipping protector	F072 135807

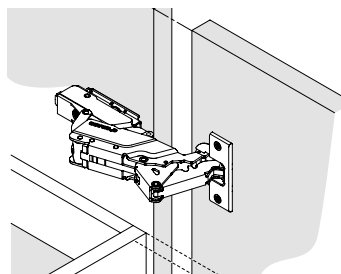
MITRED APPLICATION (ON ALL SIDES)



With 0 cranking, mounting plate height 19 mm and cup distance 4 mm, door and cabinet edges can meet at mitred angles on all 4 sides.

Use 120° opening angle reduction clip.

ZERO PROTRUSION



For cabinets with inset drawers.

At 0 cranking, and with all mounting plate thicknesses, the door protrudes inwards at 90°. With cranking size 3 and mounting plate height 3 mm, the door will be flush with the cabinet.

Door thickness (TS)		Mitred application circumferential	Mitred application lateral
		R (min.)	R (min.)
	19-20	1.0	0
	22	2.0	0
	24	3.0	1.0
	26	4.2	2.5
	28	5.4	3.8
	30	6.5	5.3

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All dimensions in millimetres



NOTES

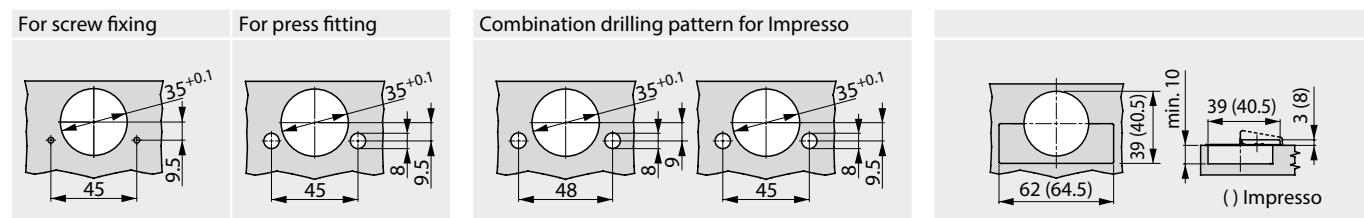
Door thickness		Cup distance							
		3	4	5	6	7	8	9	10
	32.0	0.2	0.2						
	31.0	0.2	0.2	0.2	0.2				
	30.0	0.2	0.2	0.2	0.2	0.2			
	29.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		Minimum reveal (F)							

■ only possible with 120° angle red. clip

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

No reveal is required for door thicknesses up to 28 mm.
From 29 mm door thickness, we recommend a trial fitting.

CUP DIMENSIONS



TIOMOS 160

160° wide-angle hinge(door thicknesses up to 32 mm)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

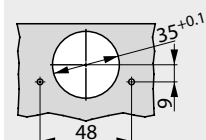
Door overlay		Cranking	Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹		0	■	-	-	F028 138135	F028 138138	F017 139350
			-	■	-	F045 138042	F045 138045	F034 139321
			-	■	■	F046 138226	-	F035 139378
Overlay ¹		3	■	-	-	F028 138136	F028 138139	F017 139351
			-	■	-	F045 138043	F045 138046	F034 139322
			-	■	■	F046 138227	-	F035 139379
Half overlay ¹		9.5	■	-	-	F028 138137	F028 138140	F017 139352
			-	■	-	F045 138044	F045 138047	F034 139323
			-	■	■	F046 138228	-	F035 139380

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

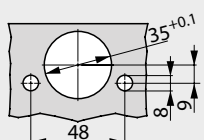
DRILLING PATTERNS 48/9

CUP DIMENSIONS

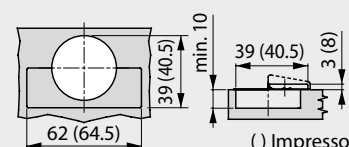
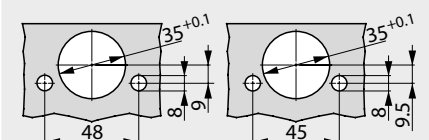
For screw fixing



For press fitting



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

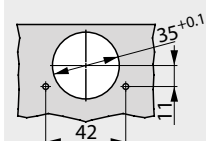
Door overlay		Cranking	Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹		0	■	-	-	F028 138379	F028 138382	F017 139435
			-	■	-	F045 138317	F045 138320	F034 139406
			-	■	■	F046 138439	-	F035 139463
Overlay ¹		3	■	-	-	F028 138380	F028 138383	F017 139436
			-	■	-	F045 138318	F045 138321	F034 139407
			-	■	■	F046 138440	-	F035 139464
Half overlay ¹		9.5	■	-	-	F028 138381	F028 138384	F017 139437
			-	■	-	F045 138319	F045 138322	F034 139408
			-	■	■	F046 138441	-	F035 139465

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

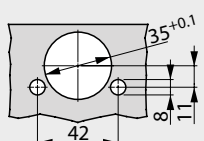
DRILLING PATTERNS 42/11

CUP DIMENSIONS

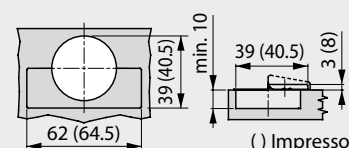
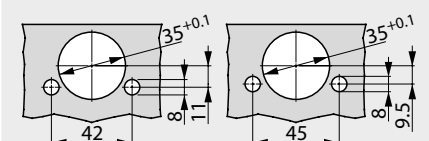
For screw fixing



For press fitting



Combination drilling pattern for Impresso



Tiomos mounting plates

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Tipmatic

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Assembly aids

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Accessories

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Technical information

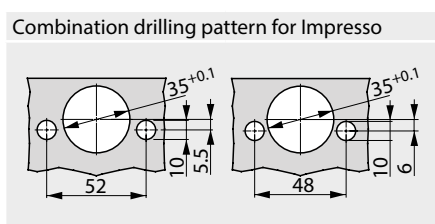
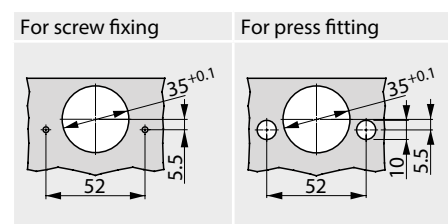
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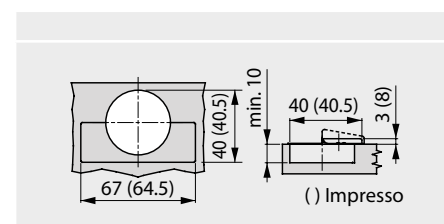
Door overlay		Cranking	Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹		0	■	-	-	F028 138743	F028 138746	F017 139520
			-	■	-	F045 138681	F045 138684	F034 139491
			-	■	■	F046 138803	-	F035 139548
Overlay ¹		3	■	-	-	F028 138744	F028 138747	F017 139521
			-	■	-	F045 138682	F045 138685	F034 139492
			-	■	■	F046 138804	-	F035 139549
Half overlay ¹		9.5	■	-	-	F028 138745	F028 138748	F017 139522
			-	■	-	F045 138683	F045 138686	F034 139493
			-	■	■	F046 138805	-	F035 139550

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

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

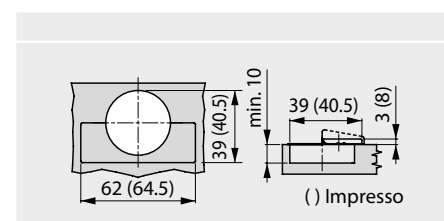
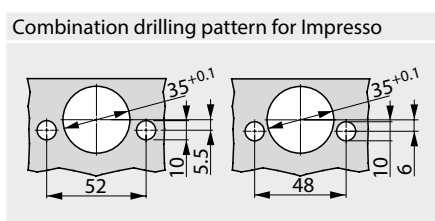
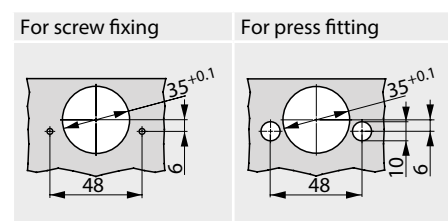


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Cranking	Damper		without spring	Art.-no.		
			with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹		0	■	-	-	F028 138925	F028 138928	F017 139520
			-	■	-	F045 138863	F045 138866	F034 139491
			-	■	■	F046 138985	-	F035 139548
Overlay ¹		3	■	-	-	F028 138926	F028 138929	F017 139521
			-	■	-	F045 138864	F045 138867	F034 139492
			-	■	■	F046 138986	-	F035 139549
Half overlay ¹		9.5	■	-	-	F028 138927	F028 138930	F017 139522
			-	■	-	F045 138865	F045 138868	F034 139493
			-	■	■	F046 138987	-	F035 139550

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

DRILLING PATTERNS 48/6



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