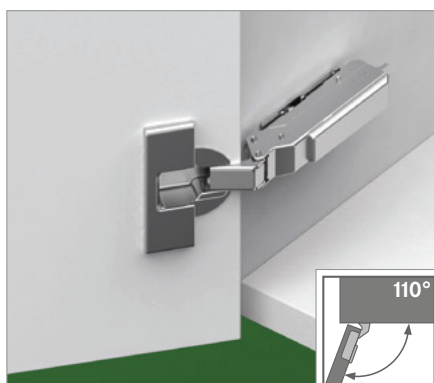


# TIOMOS 110

110° hinge (door thicknesses up to 24 mm)



- 110° opening angle
- Optimum reveals for door thicknesses up to 24 mm
- Convenient depth adjustment via worm gear
- 3-dimensional adjustment with appropriate mounting plate

#### 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	without		Click-on			Impresso without tools
						For screw fixing	For press fitting	Quick <sup>3</sup>	
Full overlay <sup>1</sup>	0	■	-	-	<b>F028138519</b>	<b>F028138523</b>	<b>F022140090</b>	<b>F017139329</b>	
		-	■	-	<b>F045138457</b>	<b>F045138461</b>	<b>F039140030</b>	<b>F034139300</b>	
		-	■	■	<b>F046138579</b>	-	-	<b>F035139357</b>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028138520</b>	<b>F028138524</b>	<b>F022140091</b>	<b>F017139330</b>	
		-	■	-	<b>F045138458</b>	<b>F045138462</b>	<b>F039140031</b>	<b>F034139301</b>	
		-	■	■	<b>F046138580</b>	-	-	<b>F035139358</b>	
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028138521</b>	<b>F028138525</b>	<b>F022140092</b>	<b>F017139331</b>	
		-	■	-	<b>F045138459</b>	<b>F045138463</b>	<b>F039140032</b>	<b>F034139302</b>	
		-	■	■	<b>F046138581</b>	-	-	<b>F035139359</b>	
Inset <sup>2</sup>	19	■	-	-	<b>F028138522</b>	<b>F028138526</b>	<b>F022140093</b>	<b>F017139332</b>	
		-	■	-	<b>F045138460</b>	<b>F045138464</b>	<b>F039140033</b>	<b>F034139303</b>	
		-	■	■	<b>F046138582</b>	-	-	<b>F035139360</b>	

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

<sup>2</sup> Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

<sup>3</sup> Additional drilling patterns, opening angles 95°/110°/120°/160° and angle applications on request.

## COVER CAPS

Designation	Cranking	Imprinted/Embossed	Art.-no.
Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	<b>F072135500</b>
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	<b>F072135550</b>
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			<b>F072135551</b>
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	<b>F072140504</b>
Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	<b>F072135504</b>
Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	<b>F072135503</b>

## ACCESSORIES

Designation	Art.-no.
85° opening angle reduction clip	<b>F072135751</b>
Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>

Designation	Art.-no.
Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
Unclipping protector	<b>F072135807</b>

Tiomos mounting plates

80

Tipmatic

278

Assembly aids

332

Accessories

90

Technical information

94

