

# Grass Tiomos 110 Degree Half Cranked Soft Close Hinge

## HOW TO CHOOSE THE CORRECT FACE FRAME MOUNTING PLATE

<b>STEP 1</b>	<p><b>Measure your bore distance.</b> This is the distance from the edge of the door to edge of the large round hole drilled into the back of the door.</p>
<b>STEP 2</b>	<p><b>Measure your door overlay.</b> The overlay is how much the door overlaps the cabinet. The following directions will tell you how to measure it. For further clarification, there is a link on the product page with more detailed instructions.</p> <ol style="list-style-type: none"> <li style="background-color: #f4a460; padding: 5px;"><b>1</b> Close the cabinet door.</li> <li style="background-color: #f4a460; padding: 5px;"><b>2</b> Apply a piece of tape vertically to the hinged side of the cabinet so the edge of the tape is flush against the hinged edge of the door. This marks how much the door overlaps the frame.</li> <li style="background-color: #f4a460; padding: 5px;"><b>3</b> Open the door until you see the edge of the tape between the door and cabinet. Measure from the inside edge of the tape to the opening of the cabinet door. This is your overlay dimension.</li> </ol>
<b>STEP 3</b>	<p>Once you know the bore distance and overlay of your door, you can use the chart below to determine which mounting plate you need. If you find that the chart gives you multiple mounting plate options, choose the plate where your overlay is closest to the middle of the range shown. Ranges exist because these hinges are adjustable +/- 2mm in the overlay dimension.</p> <p>Example: if your overlay is 7mm and your bore distance is 5mm, then you have the option of choosing the 4.5mm, the 3.5mm, or the 1.5mm plate. The best choice would be the 3.5mm plate however, as 7mm is in the middle of 5mm and 9mm, thus providing the most amount of adjustment.</p>

APPOXIMATE CONVERSION CHART	
3mm	1/8"
4mm	5/32"
5mm	3/16"
5.5mm	7/32"
6mm	1/4"
7mm	9/32"
8mm	5/16"
9mm	11/32"
9.5mm	3/8"
10mm	13/32"
11mm	7/16"
12mm	15/32"
13mm	1/2"
13.5mm	17/32"
14mm	9/16"
15mm	19/32"
16mm	5/8"
17mm	11/16"
18mm	23/32"
19mm	3/4"
20mm	25/32"
20.5mm	7/8"
21mm	27/32"
22mm	7/8"
23mm	29/32"
24mm	15/16"
25.4mm	1"
26mm	1-1/32"
27mm	1-1/16"
28mm	1-3/32"
29mm	1-1/18"
30mm	1-3/16"
31mm	1-7/32"
32mm	1-1/4"
33mm	1-5/16"
34mm	1-11/32"
35mm	1-3/8"
36mm	1-13/32"

		BORE DISTANCE				
		3MM	4MM	5MM	6MM	7MM
OVERLAY RANGE	2MM TO 6MM	4.5mm Plate (SKU 701392)				
	3MM TO 7MM	3.5mm Plate (SKU 701391)	4.5mm Plate (SKU 701392)			
	4MM TO 8MM		3.5mm Plate (SKU 701391)	4.5mm Plate (SKU 701392)		
	5MM TO 9MM	1.5mm Plate (SKU 701390)		3.5mm Plate (SKU 701391)	4.5mm Plate (SKU 701392)	
	6MM TO 10MM		1.5mm Plate (SKU 701390)		3.5mm Plate (SKU 701391)	4.5mm Plate (SKU 701392)
	7MM TO 11MM			1.5mm Plate (SKU 701390)		3.5mm Plate (SKU 701391)
	8MM TO 12MM				1.5mm Plate (SKU 701390)	
	9MM TO 13MM					1.5mm Plate (SKU 701390)