

## Grass 160 Degree Soft-Close Hinge for Frameless Overlay Cabinets

## HOW TO CHOOSE THE CORRECT MOUNTING PLATE

<b>STEP 1</b>	<b>Measure your bore distance.</b> This is the distance from the edge of the door to the edge of the large round hole drilled into the back of the door.
<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>1 Close the cabinet door.</li> <li>2 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>3 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 <math>\pm 2</math>mm in the overlay dimension.</p> <p>Example: if your overlay is 19mm and your bore distance is 6mm, then you have the option of choosing the 3mm, 2mm, or 0mm plate. The best choice would be the 2mm plate however, as 19mm is in the middle of 17mm and 21mm, thus providing the most amount of adjustment.</p>

		BORE DISTANCE							
		3MM	4MM	5MM	6MM	7MM	8MM	9MM	10MM
OVERLAY RANGE	13MM TO 17MM	3mm Plate (SKU 701382)							
	14MM TO 18MM	2mm Plate (SKU 701381)	3mm Plate (SKU 701382)						
	15MM TO 19MM		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)					
	16MM TO 20MM	0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)				
	17MM TO 21MM		0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)			
	18MM TO 22MM			0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)		
	19MM TO 23MM				0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)	
	20MM TO 24MM					0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)
	21MM TO 25MM						0mm Plate (SKU 701380)		2mm Plate (SKU 701381)
	22MM TO 26MM							0mm Plate (SKU 701380)	
	23MM TO 27MM								0mm Plate (SKU 701380)

APPROXIMATE 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	13/16"
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"
37mm	1-15/32"