

# Grass 170 Degree Straight Arm Hinge (48mm) 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 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 two mounting plate options, choose the plate where your overlay is closest to the middle of the range shown. This will give you the largest range of adjustment.</p> <p>Example: if your overlay is 15mm and your bore distance is 5mm, then you have the option of choosing either the 4mm, 2mm, or 0mm plate. The best choice would be the 2mm plate, however, as 15mm is in the middle of 13mm and 17mm, thus providing the greatest 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"

		BORE DISTANCE					
		3MM	4MM	5MM	6MM	7MM	8MM
OVERLAY RANGE	9MM TO 13MM	4mm Plate (SKU 207106)					
	10MM TO 14MM		4mm Plate (SKU 207106)				
	11MM TO 15MM	2mm Plate (SKU 207104)		4mm Plate (SKU 207106)			
	12MM TO 16MM		2mm Plate (SKU 207104)		4mm Plate (SKU 207106)		
	13MM TO 17MM	0mm Plate (SKU 207102)		2mm Plate (SKU 207104)		4mm Plate (SKU 207106)	
	14MM TO 18MM		0mm Plate (SKU 207102)		2mm Plate (SKU 207104)		4mm Plate (SKU 207106)
	15MM TO 19MM			0mm Plate (SKU 207102)		2mm Plate (SKU 207104)	
	16MM TO 20MM				0mm Plate (SKU 207102)		2mm Plate (SKU 207104)
	17MM TO 21MM					0mm Plate (SKU 207102)	
	18MM TO 22MM						0mm Plate (SKU 207102)