

# Grass Impresso Soft-Close 160 Degree 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>	<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.	
	<b>1</b>	Close the cabinet door.
	<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.
<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.	
<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 16mm 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 16mm is in the middle of 14mm and 18mm, thus providing the most amount of adjustment.</p>	

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"

		BORE DISTANCE							
		3MM	4MM	5MM	6MM	7MM	8MM	9MM	10MM
OVERLAY RANGE	10MM TO 14MM	3mm Plate (SKU 701382)							
	11MM TO 15MM	2mm Plate (SKU 701381)	3mm Plate (SKU 701382)						
	12MM TO 16MM		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)					
	13MM TO 17MM	0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)				
	14MM TO 18MM		0mm Plate (SKU 701380)		2mm Plate (SKU 701381)	3mm Plate (SKU 701382)			
	15MM TO 19MM			0mm Plate (SKU 701380)		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)
	19MM TO 23MM							0mm Plate (SKU 701380)	
	20MM TO 24MM								0mm Plate (SKU 701380)