



## Tech Tips

### How to Calculate Door Slab Size (Tip-to-Tip from Daylight)

- Daylight Opening Width Minus 1-1/4" = Tip to Tip Width
- Daylight Opening Height Minus 1" = Tip to Tip Height

### Swing Style Range of Adjustment

ORDER SIZE	ROUGH OPENING	RANGE OF ADJUSTMENT	
		WIDTH	HEIGHT
36 x 80	36 x 80	35-1/2 to 36-1/2	79-3/4 to 80-3/4
32 x 80	32 x 80	31-1/2 to 32-1/2	
FRENCH DOOR APPLICATIONS			
36 x 80	72 x 80	72 to 73-1/2	79-3/4 to 80-3/4
32 x 80	64 x 80	64 to 65-1/2	

### How to Measure and Cut Kick Plate

- Install one side of kick plate into door frame
- On opposite side of kick plate, mark kick plate at design line closest to spline groove
- Carefully score kick plate 3-4 times with straight edge and knife
- Bend kick plate at score line to break

### Common Drill Bit Sizes

- Corner Key Screws – 3/16"
- Hanger Stud – 3/16"
- Kick Rail and Pushbar – 7/32"
- Handle Install – 5/16" or 1/4"
- Astragal Flushbolt Hole - 7/32"

### French Door Astragal Measurement

- Measure from top of opening to the top of the threshold minus 1/8" for Astragal length
- Use caulk or paint on flushbolt to mark Z-bar and threshold
- Lock flushbolt nut with silicone to hold adjustment



For Installation Instructions and Other Support Documents. Click the QR code or visit:  
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### Samson Range of Adjustment

- 1/2" Total Roller Adjustment

### Samson Sizes Available

- Up to 72" Wide, 120" High. (Any sizes over 96" will trigger oversized shipping rates)
- Side Stiles ship 1" longer than ordered length
- Rails Ship 2" Longer than ordered length

### Samson Rail Width Range

Ordered Length	Shipped Length	Low Range	High Range
72	74	66	73 3/4
66	68	60	67 3/4
60	62	54	61 3/4
54	56	48	55 3/4
48	50	42	49 3/4
42	44	36	43 3/4
36	38	30	37 3/4
32	34	26	33 3/4
26	28	24 1/2	27 3/4
24	26	22 1/2	25 3/4

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