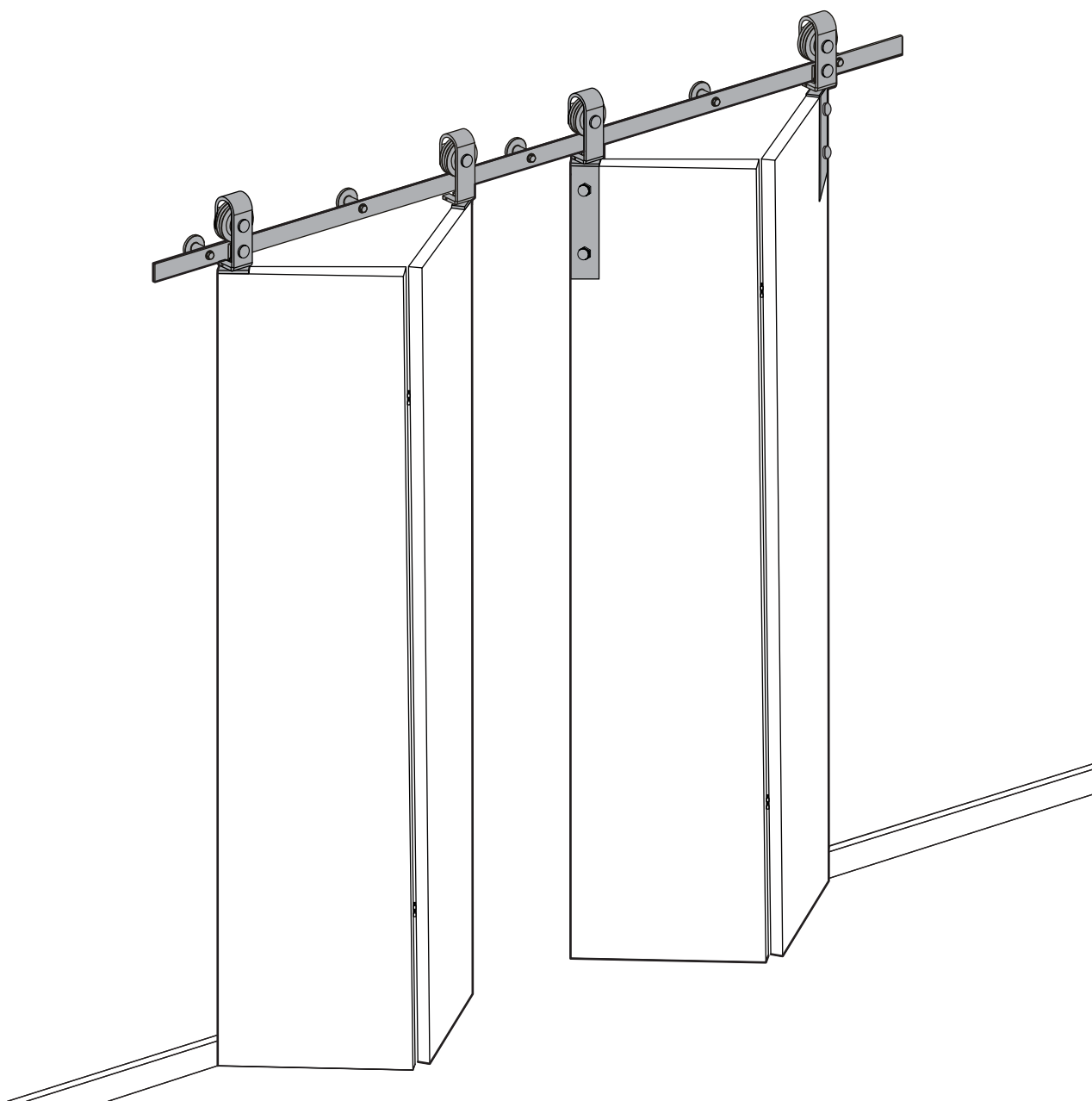


Bi-folding Barn Door Hardware Installation Manual



✘Check the Quantities

Note: If you encounter any problem with the package and the following installation, please email us at info@winsoonhardware.com Please also tell us your "**ORDER ID**," we will solve any issues for you as soon as possible.

WARNING

- Failure to wear proper safety gear (i.e., eye protection) may result in serious injury or death.
- Always wear proper safety gear before using power tools.
- Improper operation of power tools may result in loss of control, serious injury or death.
- Always ensure you have complete control of the power tool and the work area is free of hazards before operating a power tool.
- Lack of secure clamping of the door may result in unexpected movement of the door, loss of power tool control and serious injury or death. Always securely clamp the door in place before cutting, or drilling the door.
- Lack of, or improperly installed Anti-jump Disc may result in the door coming off the track and cause serious injury or death. Installation of Anti-jump Disks are required for safe operation of this hardware. Installed properly, the Anti-jump Disks will keep the door securely attached to the track.

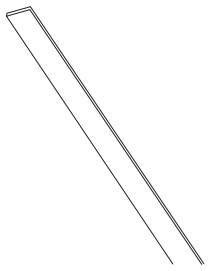
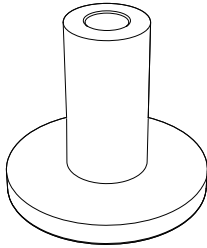
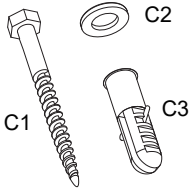
CAUTION

- Mishandling of heavy objects (i.e., doors) may cause a loss of balance and serious injury. Always be sure you have a secure hold the object and are balanced before moving the object. Always wear safety shoes when lifting heavy objects.
- Getting body parts (i.e., hair fingers) caught in moving parts may cause pinching and serious injury. Do not put fingers in parts that may move and always remove or contain anything on our body that may become entangled with a moving part.
- Closing sliding doors with your hand on the end of the door may result in your hand, or fingers, getting caught between the door and other solid objects (i.e., another door, molding) causing serious injury. Always use the door handle to close doors.

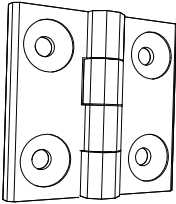
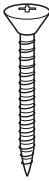
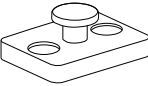
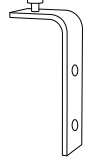
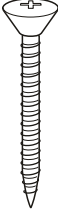

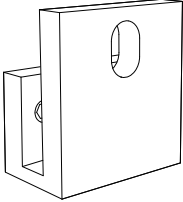
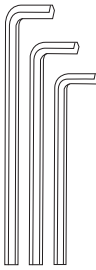


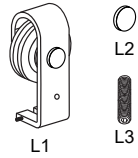
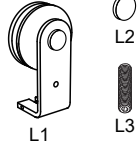
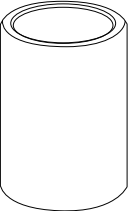
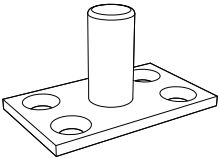
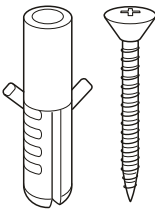
Usage Statement:

Use of excessive force when opening, and closing, the doors) may result in damage to the hardware. Always hold the handle and gentry open and close the doors.

Check the Quantities

A	Flat Track	B	Rail Spacer	3ft	3	3.3ft	3	C	M8X110 Screw	3ft	3	3.3ft	3
				3.5ft	3	7ft	6			3.5ft	3	7ft	6
 <p style="text-align: center;">X2PC</p>			4ft	3(Double Door)				 <p>C1 C2 C3</p>	4ft	3(Double Door)			
				3(Four Door)					4ft	3(Four Door)			
			4.5ft	4(Double Door)					4.5ft	4(Double Door)			
				4(Four Door)					4.5ft	4(Four Door)			
			5ft	4(Double Door)					5ft	4(Double Door)			
				4(Four Door)					5ft	4(Four Door)			
			5.5ft	4(Double Door)					5.5ft	4(Double Door)			
				4(Four Door)					5.5ft	4(Four Door)			
			6ft	5(Double Door)					6ft	5(Double Door)			
				5(Four Door)					6ft	5(Four Door)			
			6.6ft	5(Double Door)					6.6ft	5(Double Door)			
				5(Four Door)					6.6ft	5(Four Door)			

Check the Quantities

D	Flat Track	3ft	3	3.3ft	3	E	M6X25 Screw	3ft	12	3.3ft	12	F	Top&Front Mount Hardware	3ft	2	3.3ft	2	
	3.5ft	3		7ft	6		3.5ft	12		7ft	24	 	3.5ft	2		7ft	4	
	8ft	6					8ft	24						8ft	4			
	4ft		3(Double Door)				4ft		12(Double Door)					4ft		2(Double Door)		
			6(Four Door)						24(Four Door)							4(Four Door)		
	4.5ft		3(Double Door)				4.5ft		12(Double Door)					4.5ft		2(Double Door)		
			6(Four Door)						24(Four Door)							4(Four Door)		
	5ft		3(Double Door)				5ft		12(Double Door)					5ft		2(Double Door)		
			6(Four Door)						24(Four Door)							4(Four Door)		
	5.5ft		3(Double Door)				5.5ft		12(Double Door)					5.5ft		2(Double Door)		
			6(Four Door)						24(Four Door)							4(Four Door)		
	6ft		3(Double Door)				6ft		12(Double Door)					6ft		2(Double Door)		
			6(Four Door)						24(Four Door)							4(Four Door)		
6.6ft		3(Double Door)			6.6ft		12(Double Door)				6.6ft		2(Double Door)					
		6(Four Door)					24(Four Door)						4(Four Door)					
G	ST4.8x50 Screw	3ft	4	3.3ft	4	H	M10X60 lag bolts	3ft	4	3.3ft	4	I	Fixed Rollerlock Bracket	3ft	1	3.3ft	1	
	3.5ft	4		7ft	8		3.5ft	4		7ft	8		3.5ft	1		7ft	2	
	8ft	8					8ft	8						8ft	2			
	4ft		4(Double Door)				4ft		4(Double Door)					4ft		1(Double Door)		
			8(Four Door)						8(Four Door)							2(Four Door)		
	4.5ft		4(Double Door)				4.5ft		4(Double Door)					4.5ft		1(Double Door)		
			8(Four Door)						8(Four Door)							2(Four Door)		
	5ft		4(Double Door)				5ft		4(Double Door)					5ft		1(Double Door)		
			8(Four Door)						8(Four Door)							2(Four Door)		
	5.5ft		4(Double Door)				5.5ft		4(Double Door)					5.5ft		1(Double Door)		
			8(Four Door)						8(Four Door)							2(Four Door)		
	6ft		4(Double Door)				6ft		4(Double Door)					6ft		1(Double Door)		
			8(Four Door)						8(Four Door)							2(Four Door)		
6.6ft		4(Double Door)			6.6ft		4(Double Door)				6.6ft		1(Double Door)					
		8(Four Door)					8(Four Door)						2(Four Door)					
J	Allen Wrench set (2mm,2.5mm,4mm)	X1pc			K	Adjustable Roller	3ft	1	3.3ft	1	L	Fixed Roller	3ft	1	3.3ft	1		
	3.5ft	1		7ft	2	 OR 	3.5ft	1		7ft	2	 L1 L2 L3 OR  L1 L2 L3	3.5ft	1		7ft	2	
	8ft	2					8ft	2						8ft	2			
	4ft		1(Double Door)				4ft		1(Double Door)					4ft		1(Double Door)		
			2(Four Door)						2(Four Door)							2(Four Door)		
	4.5ft		1(Double Door)				4.5ft		1(Double Door)					4.5ft		1(Double Door)		
			2(Four Door)						2(Four Door)							2(Four Door)		
	5ft		1(Double Door)				5ft		1(Double Door)					5ft		1(Double Door)		
			2(Four Door)						2(Four Door)							2(Four Door)		
	5.5ft		1(Double Door)				5.5ft		1(Double Door)					5.5ft		1(Double Door)		
			2(Four Door)						2(Four Door)							2(Four Door)		
	6ft		1(Double Door)				6ft		1(Double Door)					6ft		1(Double Door)		
			2(Four Door)						2(Four Door)							2(Four Door)		
6.6ft		1(Double Door)			6.6ft		1(Double Door)				6.6ft		1(Double Door)					
		2(Four Door)					2(Four Door)						2(Four Door)					
M	Brass Sleeve	3ft	1	3.3ft	1	N	Bottom Pivot Plate	3ft	1	3.3ft	1	O	ST4.2X32 Screw	3ft	4	3.3ft	4	
	3.5ft	1		7ft	2		3.5ft	1		7ft	2		3.5ft	4		7ft	8	
	8ft	2					8ft	2						8ft	8			
	4ft		1(Double Door)				4ft		1(Double Door)					4ft		4(Double Door)		
			2(Four Door)						2(Four Door)							8(Four Door)		
	4.5ft		1(Double Door)				4.5ft		1(Double Door)					4.5ft		4(Double Door)		
			2(Four Door)						2(Four Door)							8(Four Door)		
	5ft		1(Double Door)				5ft		1(Double Door)					5ft		4(Double Door)		
			2(Four Door)						2(Four Door)							8(Four Door)		
	5.5ft		1(Double Door)				5.5ft		1(Double Door)					5.5ft		4(Double Door)		
			2(Four Door)						2(Four Door)							8(Four Door)		
	6ft		1(Double Door)				6ft		1(Double Door)					6ft		4(Double Door)		
			2(Four Door)						2(Four Door)							8(Four Door)		
6.6ft		1(Double Door)			6.6ft		1(Double Door)				6.6ft		4(Double Door)					
		2(Four Door)					2(Four Door)						8(Four Door)					

Check the Quantities

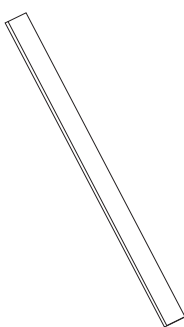
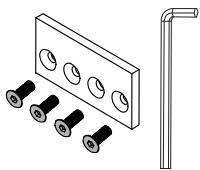
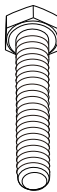
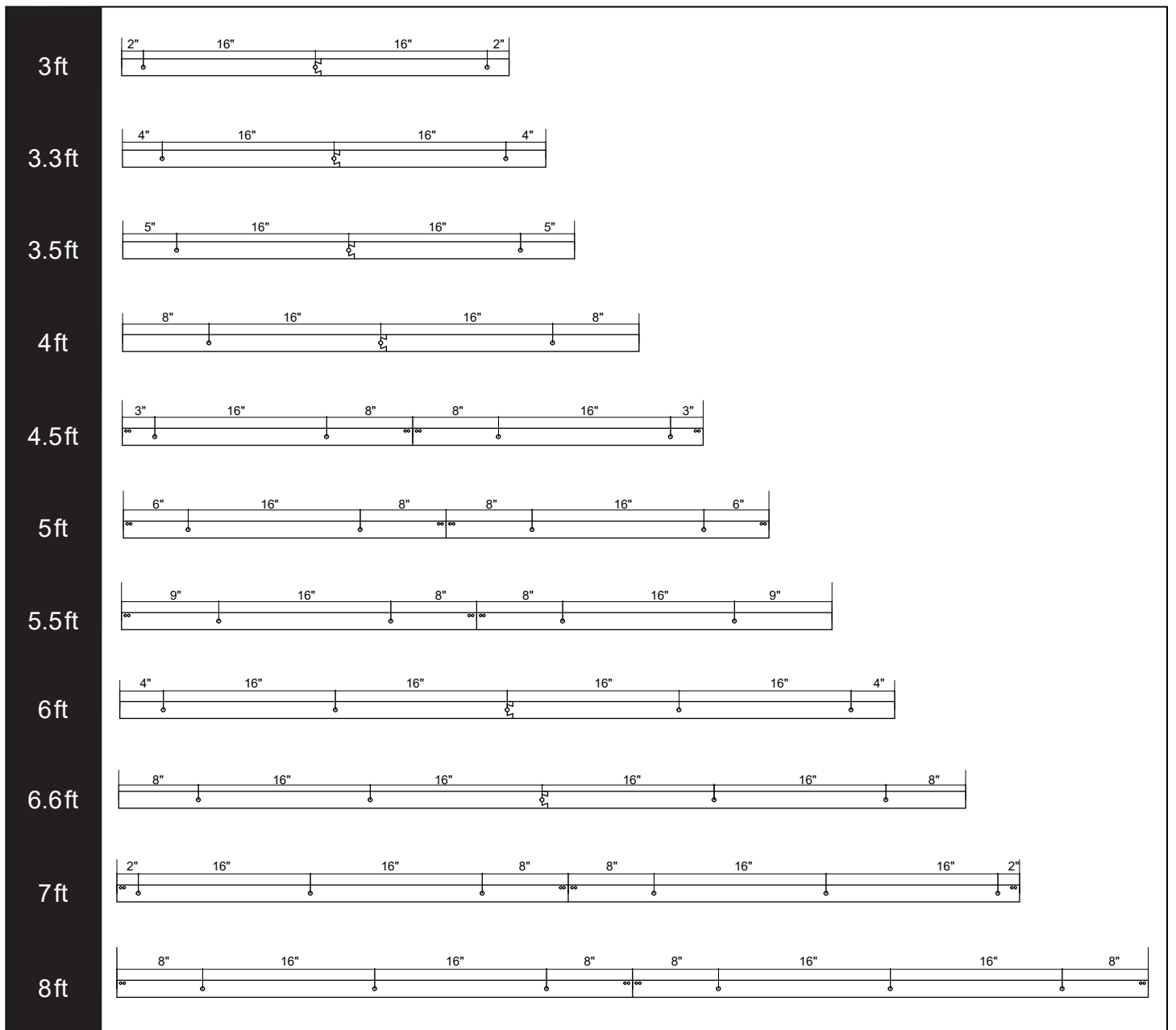
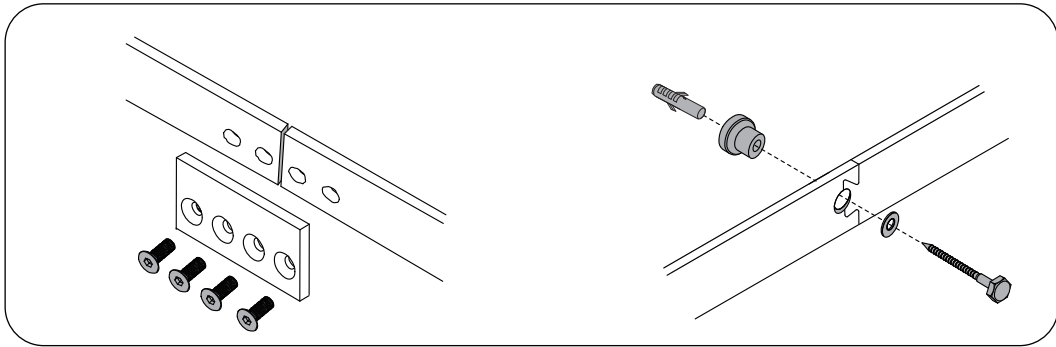
P	Allen Wrench set	Q	Junction Plate	R	M10X55 lag bolts				
 <p>X1PC</p>		4.5ft	1	 <p>Replacement parts for H Choose according to your actual door thickness</p>	3ft	4	3.3ft	4	
		5ft	1		3.5ft	4	7ft	8	
		5.5ft	1		8ft	8			
		7ft	1		4ft	4(Double Door)			
		8ft	1		4ft	8(Four Door)			
					4.5ft	4(Double Door)			
					4.5ft	8(Four Door)			
		5ft	4(Double Door)						
		5ft	8(Four Door)						
		5.5ft	4(Double Door)						
		5.5ft	8(Four Door)						
		6ft	4(Double Door)						
		6ft	8(Four Door)						
		6.6ft	4(Double Door)						
		6.6ft	8(Four Door)						

Chart: Track Junction



Track Junction

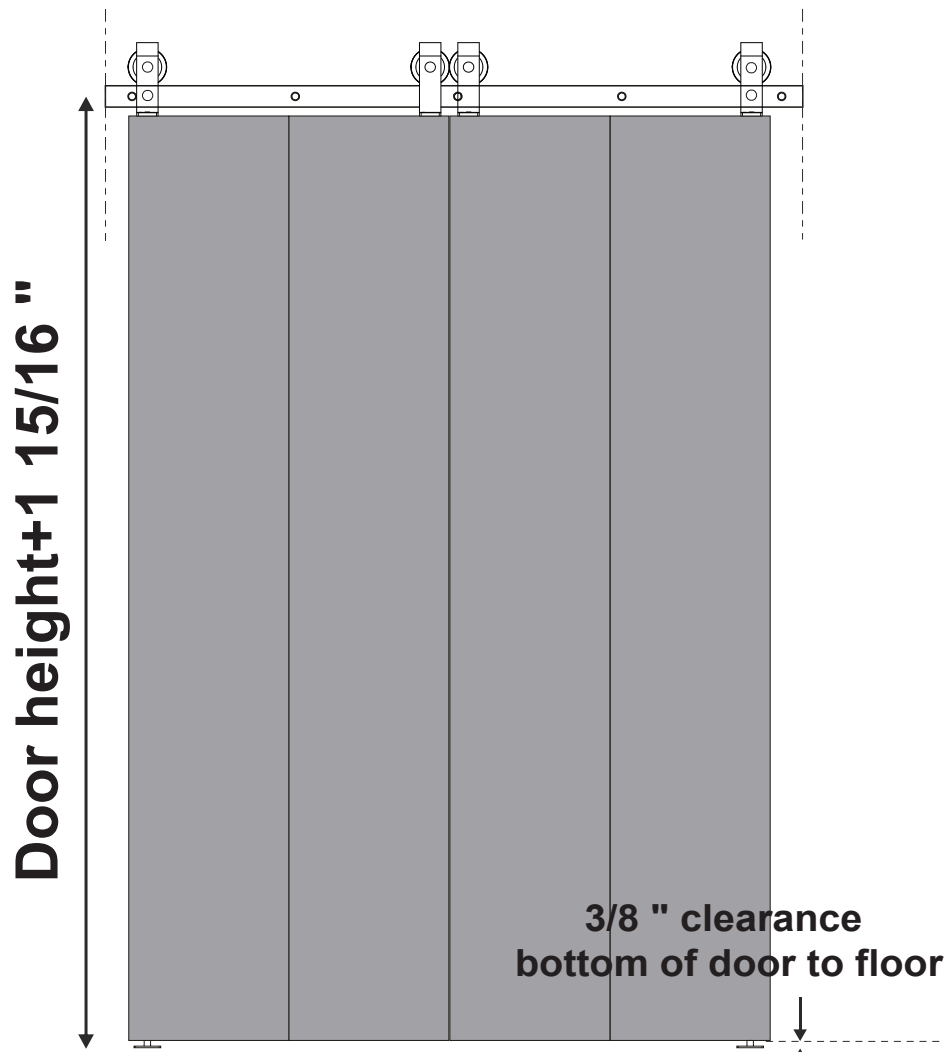


Prepare Your Doors

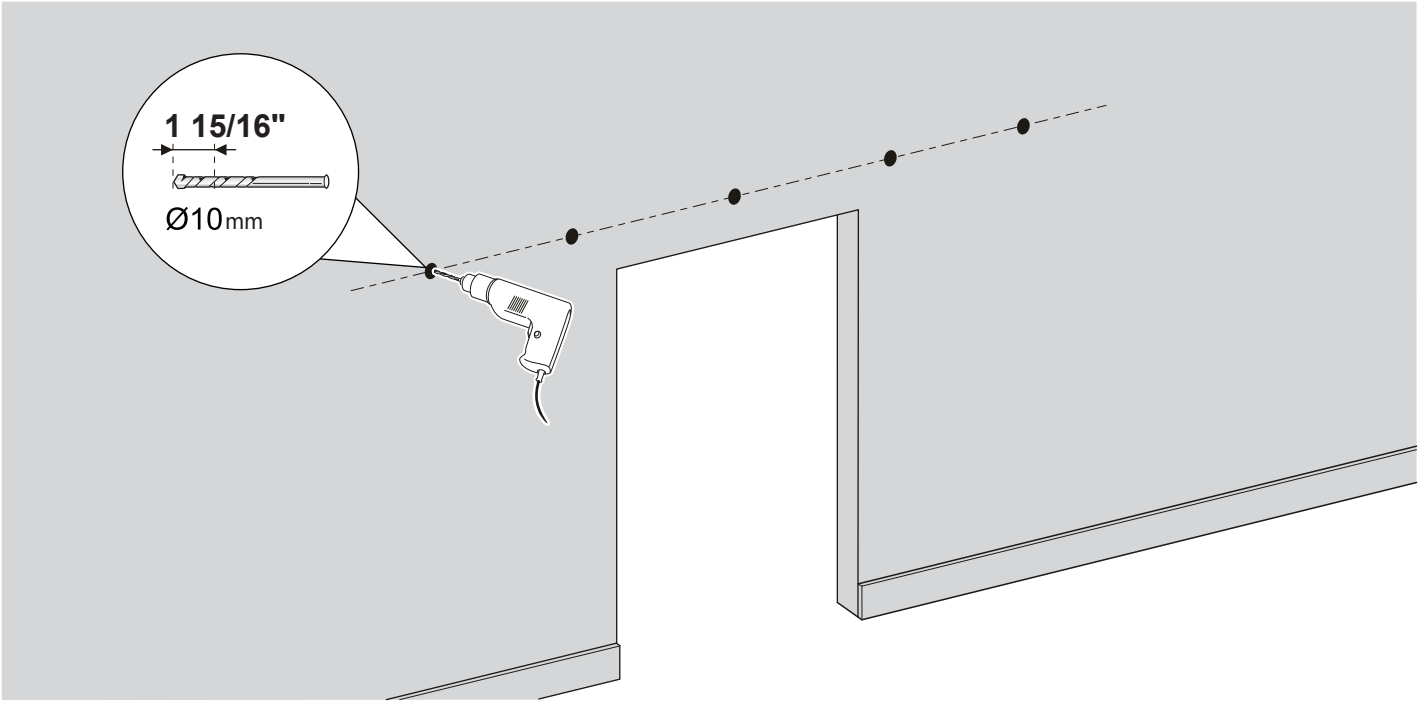
STEP 1

Draw Line for the Track

Using a level, draw a line for the track, at the door height + 1-15/16" above the floor.

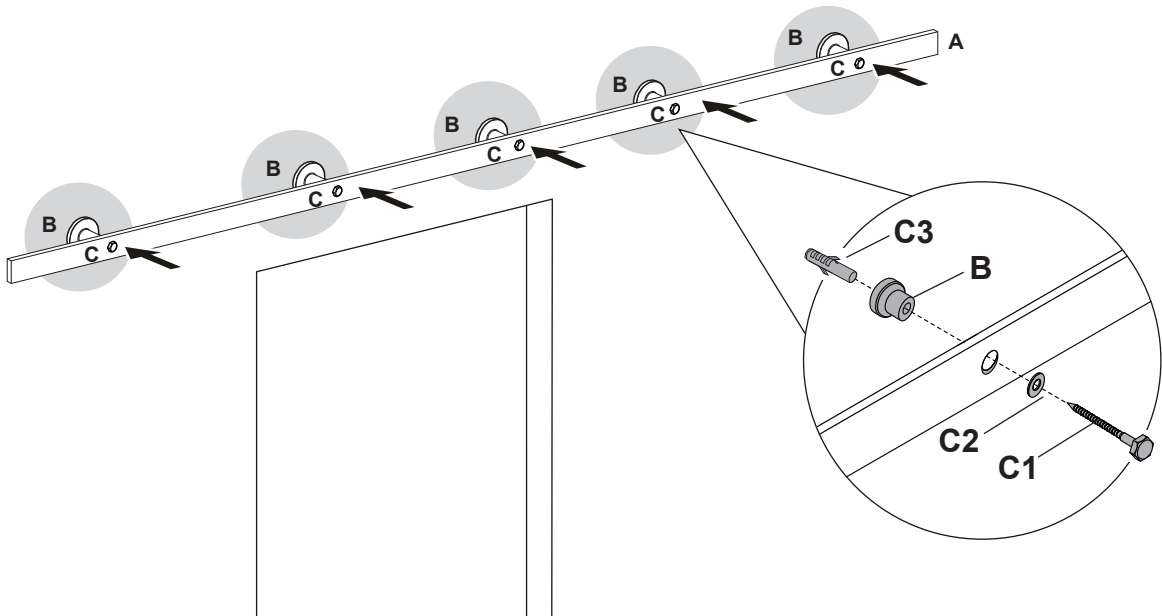


STEP 2 / Mark and Drill the Track Holes



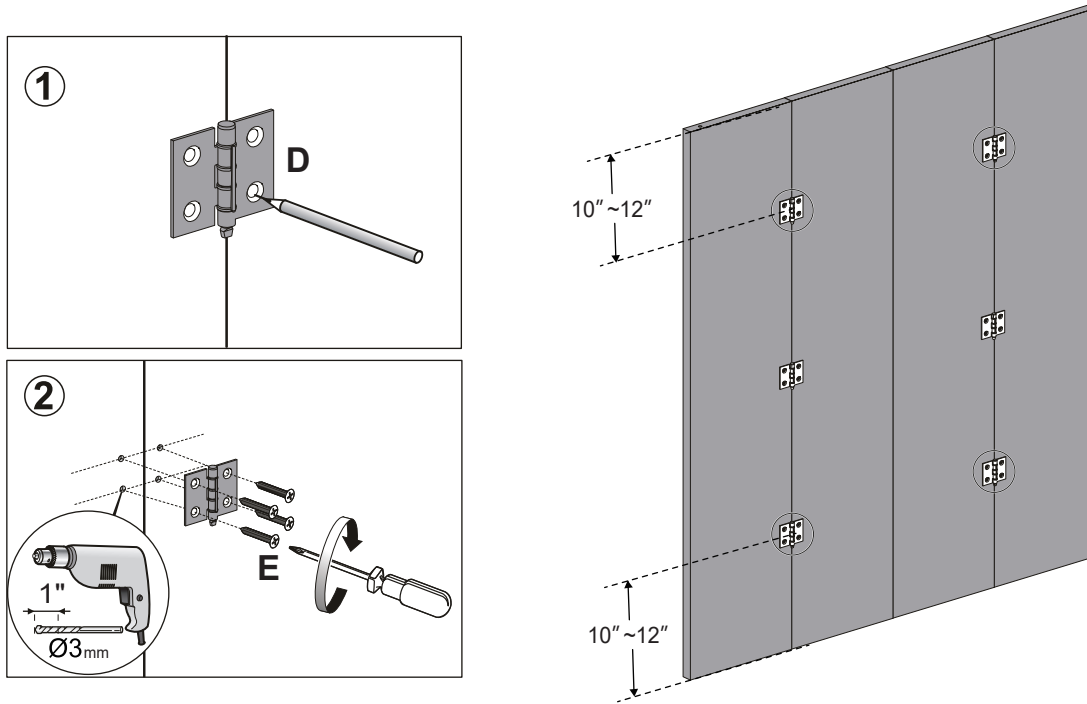
STEP 3 / Installing the Track

Install the Rail using the supplied Rail spacers, Lag screws and Washers.



STEP 4 / Installing the Door Hinges on the Doors

the hinges 10"~12" down from the top and up from the bottom of the doors. Drill holes and secure the hinges to the door.



STEP 5 / Installing the Hardware on the Doors

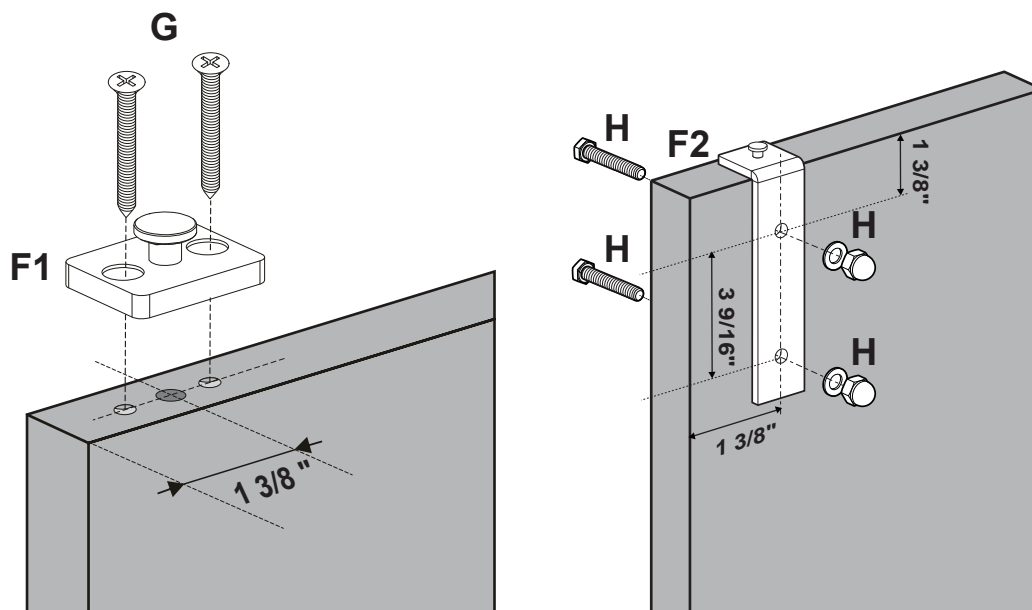
There are two ways to install hangers, you can choose which one you prefer.

Type A: Top Mount Hardware only

Mark the location on the top of the door where the fasteners for the top connector plate will be installed, drill the holes and install the plates.

Type B: Front Mount Hardware only

Attach front mount hardware with the bolts, washers and acorn nuts as shown below:



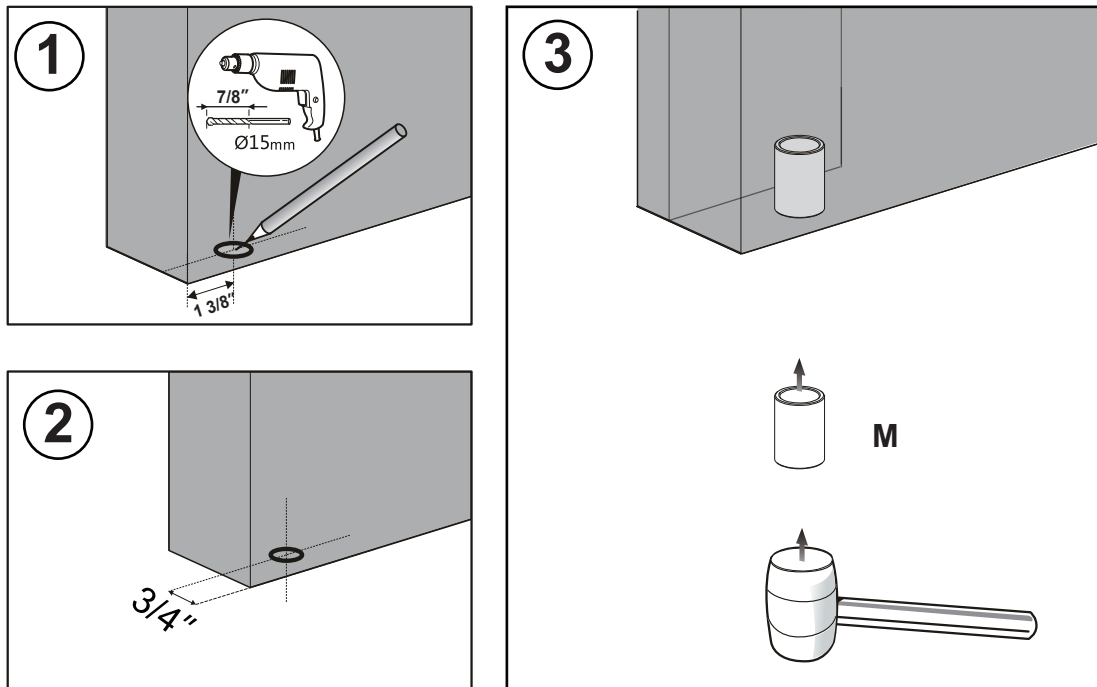
STEP 6 / Installing the Brass Sleeve on the Bottom of the Doors

The brass sleeve needs to align with the center of the top connector plate used with the fixed roller
To find the center of the hole:

For front mount, measure $1\frac{3}{8}$ " from the bottom edge of the door and $\frac{3}{4}$ " from the front of the door.

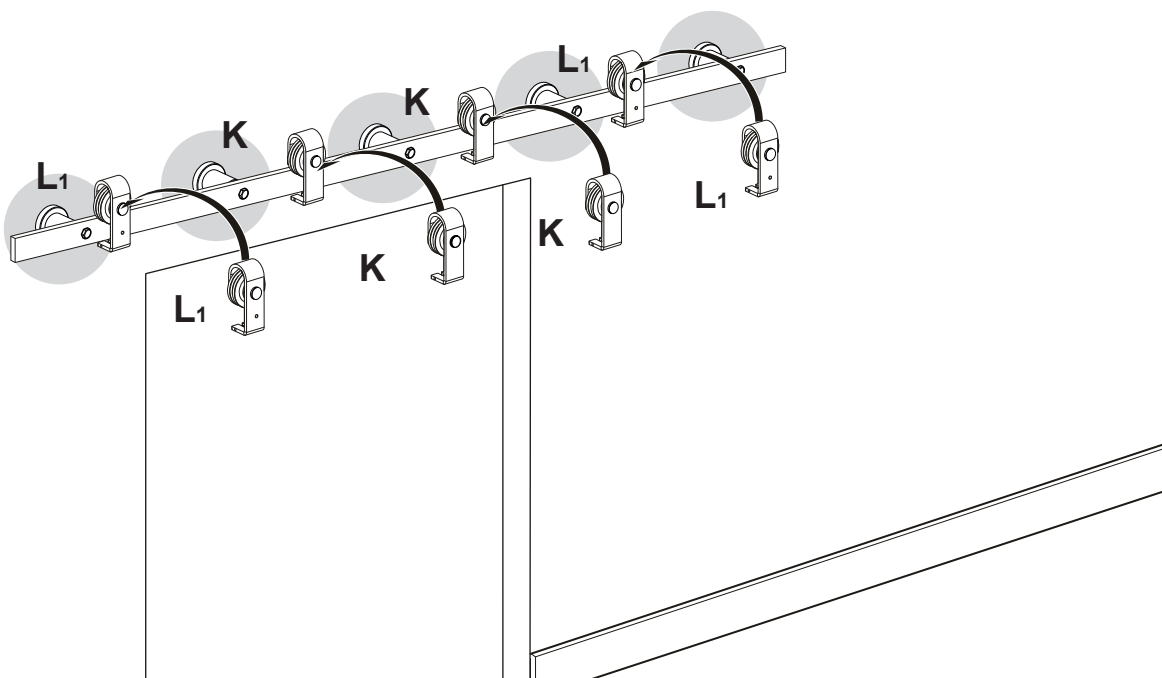
For Top mount, measure $1\frac{3}{8}$ " from the bottom edge of the door and half the thickness of the door from the front of the door.

Then drill a $\frac{7}{8}$ " deep hole. Insert the brass sleeve and use a mallet or hammer to ensure that it is flush with the bottom of the door.



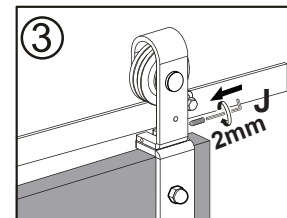
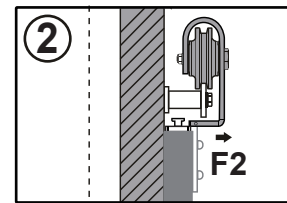
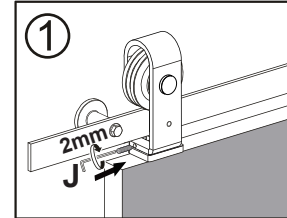
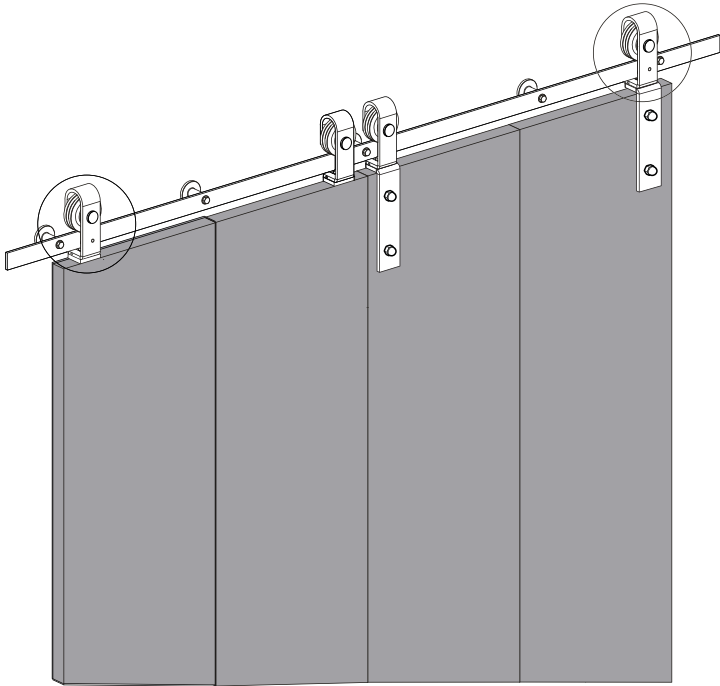
STEP 7 / Installing the fixed Roller and the adjustable Roller

Hang the fixed roller and the adjustable roller in the correct positions on the rails .



STEP 8 / Lock the fixed and adjustable Roller Assemblies

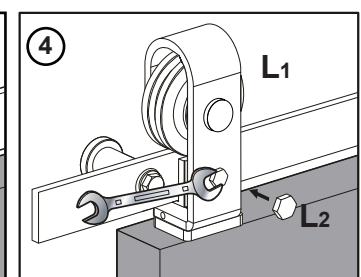
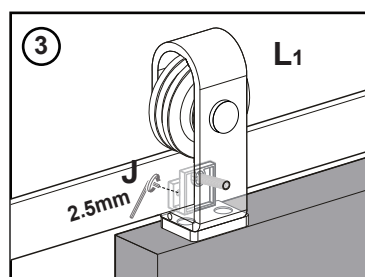
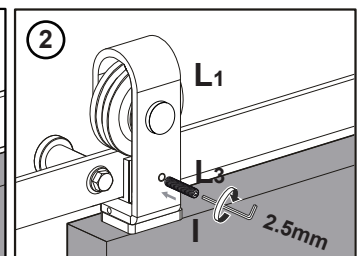
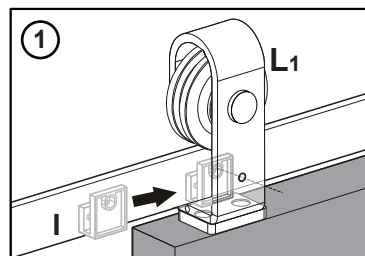
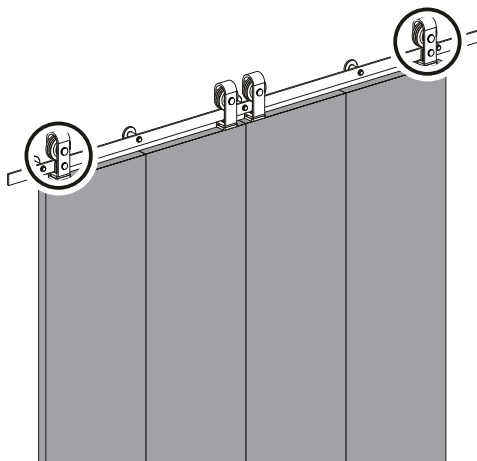
Lift the doors up close to the wall and pull forward to engage the top connector plate on the top of the door with the fixed roller and adjustable roller. (be sure the set screw on the side of the fixed roller and adjustable roller is backed out so that it does not protrude into the slot opening)
Using the supplied 2mm Allen wrench, tighten down set screws to lock the fixed and adjustable roller assemblies to the top connector plates.



STEP 9 / Secure the fixed Roller to the Rail.

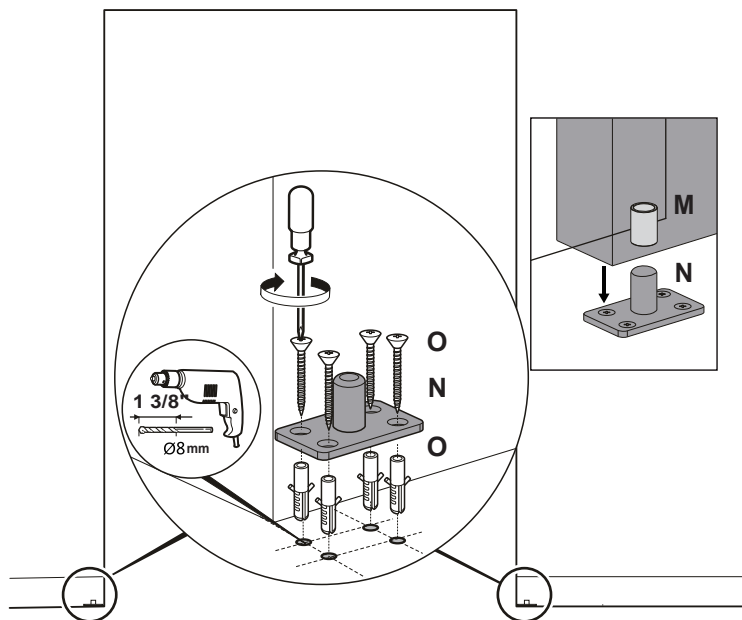
Slide the doors to the desired location on the rail. To maintain this desired position on the rails, secure the fixed roller to the rail.

- Slide the fixed roller lock bracket onto the rail directly behind the set screw located on the front of the fixed roller.
- Using the supplied 2.5mm Allen wrench, tighten the set screws on the back of the fixed roller lock bracket.
- Lock the fixed roller onto the rail by tightening the set screw through the fixed roller strap, through the fixed roller lock bracket and into the rail (do not over tighten). Using a wrench, tighten the hex-head nut onto this set screw.



STEP 10 / Installing the Bottom Pivot Plate

- Pull out the bottom of the door slightly and insert the bottom pivot plate into the brass sleeve located in the bottom of the fixed position door, reposition the door and mark the position of the bottom pivot plate on the floor.
- Take the fixed pivoting door off the rail by removing the set screw on the fixed roller and pushing the door inward towards the wall until the top connector plate disengages from the fixed roller assembly.
- Reposition the bottom pivot plate on the marks made in last step of this section and secure to the floor.



STEP 11 / Reattached the hanger and install the anti-collision strips

