



REAL/CRAFT

INSTALLATION MANUAL | ARCHITECTURAL SERIES



INTRODUCTION

Thank you for purchasing RealCraft's Architectural Hardware Kit. Our hardware will add a stunning accent to your living environment and maximize its space. It is made with the highest quality raw materials and finished by craftsmen in the USA. We are proud of our products and hope you enjoy how they enhance your world.

This manual covers the installation of the Hex Bar and Swiss Rod Hardware Kits. We always stand behind our product. If you have any questions during the installation process, feel free to call or email us at:

Customer Service: 1-800-694-5977

Email: info@realcraft.com

Web: www.realcraft.com

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WARNING!

- Failure to wear proper safety gear (i.e., eye protection) may result in severe 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 nor improperly installed Anti-jump Disc may result in the door coming off the track and cause serious injury or death. Installation of Anti-jump Discs is required for safe operation of this hardware. Installed properly, these discs 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 on 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 your 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.

NOTICE Use of excessive force when opening and closing the door(s) may result in damage to the hardware. Always hold the handle and gently open and close the door(s).

EASY MOUNT HEADER BOARD



WHAT IS AN EASY MOUNT HEADER BOARD?

Install your sliding hardware with ease by using our Easy Mount Header! Our Easy Mount Header is the fastest and easiest way to hang up our hardware. The board mounts securely to the wall with lock fasteners that screw directly into the studs, removing the need for support inside the wall.

Easy Mount Headers are available to pair with 4-18 ft. They are compatible with the following hardware styles: Classic, Aero, Prop, Mini, Hammered Flat Track hardware, and Hex Bar and Swiss Rod Architectural hardware. The Ledger Board supports doors up to 400 lbs. with ease. You can even match your Easy Mount Header to your door's wood species!

Each Header is shipped ready to install, complete with all the hardware and instructions needed for installation. A pre-drilled option is available for convenience when ordering your Easy Mount Header.

For all other Easy Mount Header lengths or special applications, please call us at **(800) 694-5977** for pricing and availability.

INSTALLATION

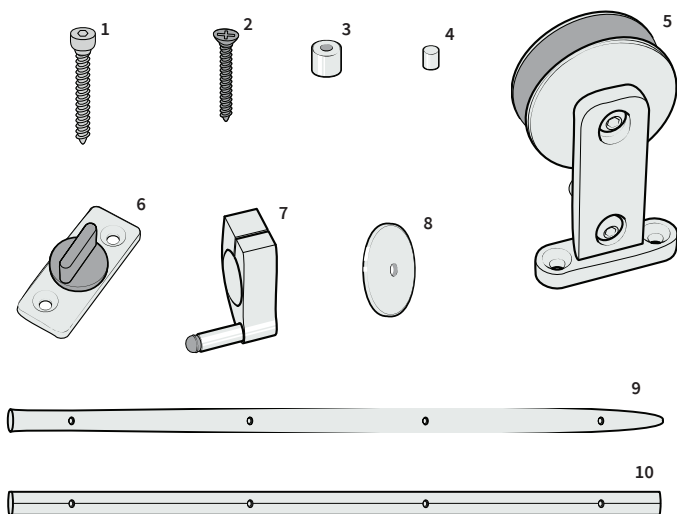
Tools Needed:

- Pencil
- Level
- Power Drill
- 1/4" Drill Bit
- Tape Measure
- 5/6" Hex Driver
- Stud Finder

1. Locate and make studs in your installation location.
2. Mark where you would like the door edge to be when the door is closed. Add 1.5" to that to find the **board edge** location.
3. Find your horizontal "**drill line**". This can be figured by measuring your door height + 2". This will leave a 1/2" gap under the door, the **drill line** calculation can be adjusted accordingly.
4. From your board edge mark, measure to the center of each stud marked in step 2 and mark your board's corresponding location along the center drill line. This step keeps your mounting screws hidden behind your track.
5. Pre-drill your board at the stud locations with a 1/4" drill bit.
6. Hold your board up on the wall, align the end marks, and drill line. Be sure to use a level to install the board. Sliding doors that are not level will only want to stay open or closed. Using your 5/16" driver, install your board with the provided screws. We recommend an impact driver or power drill for this process.

HEX BAR & SWISS ROD HARDWARE

Before you begin, check that you have the parts you need in your kit. The table below indicates the model and quantity of the part.



HEX BAR & SWISS ROD

	Part	Qty.
1.	Socket Head Lag Bolt	Varies
2.	#14 Wood Screw	4
3.	Standoff	Varies
4.	Dowel Splice (multi-track only)	Varies/Optional
5.	Hanger	2
6.	T-Guide	1
7.	Bumper End Stops	2
8.	Standoff Plate	Varies
9.	Swiss Rod Track	Varies
10.	Hex Bar Track	Varies

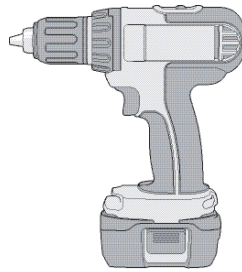
TOLLS AND INSTALLATION

The following installation steps are covered in this section:

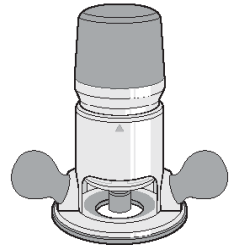
1. Check top of door clearance
2. Structural Support
3. Door to Wall Clearance
4. Assembling the Door

TOOLS REQUIRED

Hand Tools
9/16" wrench (socket or crescent)
#3 Phillips Screw Driver
1/4" Hex Driver (provided)
1/4" Drill Bit
Laser or Level



Power Drill



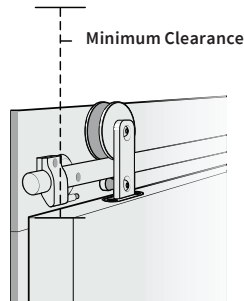
Router

1. CHECK TOP OF DOOR CLEARANCE

Before mounting the track, measure and check there will be sufficient clearance for the hanger. The required clearance for the Hex Bar and Swiss Rod hangers is identical. The minimum clearance required depends on how the hangers are mounted on top of the door. You can mortise a pocket or mount the hangers on top of the door (non-mortise). It is recommended for aesthetic's sake to mount them in a recessed pocket. Use the chart below for the minimum clearance required.

TOP OF DOOR CLEARANCE CHART

Type & Mounting	Minimum Clearance from top of Door to Ceiling Line
Mortise	5"
Non-mortise	5 5/16"



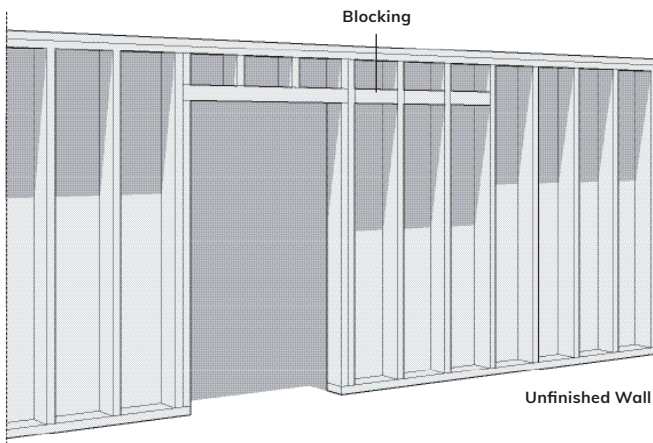
2. CHECK STRUCTURAL SUPPORT

If there is not adequate support (i.e., blocking or head casing) for the weight and movement of the door(s), then you must add structural support before attaching the rail(s) and door(s) to the wall. Follow these steps to add structural support to an unfinished or finished wall.

Important! All rail systems must be attached to interior blocking or a head casing.

UNFINISHED WALL

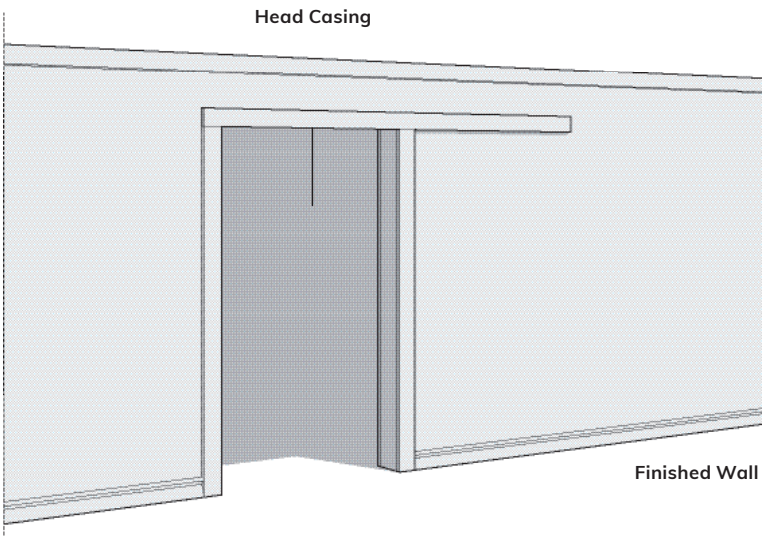
1. Determine which direction you wish to open the door and add or install structural support in that direction.
2. Check the length of the rail(s) and determine the number of blocks you will need. Keep in mind the suggested door-to-frame overlap of 1" per side for doors up to 54" and 2" overlap per side for larger doors.
3. Cut the 2 x 6 block(s) to the correct length(s) between the wall studs.
4. Place the blocking at the appropriate height. **Note:** Add five (5") inches to the height of the door; this is the ideal center of the blocking. For sidewall bypass configurations, use 2x8 blocking, and add 7.5" to door height.
5. Position the wide face of the blocking so it is flush with the front surface of the wall studs.
6. Securely fasten the blocking to the wall studs.



FINISHED WALL

Important! The maximum door weight rating for attaching a door to head casings alone with no wall blocking, is 75 lb. (see unfinished wall section for installing structural support for heavier doors). The head casing must be a minimum of 1" thick and it is recommended it be a hardwood such as oak or poplar. We also recommend that you paint or stain the head casing before attaching it to the wall.

1. Determine which direction you wish to open the door and open the door and follow directions below accordingly.
2. Check the length of the rail(s). Cut the head casing to the desired length.
Note: The length of the head casing can be oversized if desired.
3. Using a stud-finder, find and lightly mark the location of the wall studs.
4. Place, and level, the head casing.
5. Securely fasten the head casing to the wall studs at the marked locations.



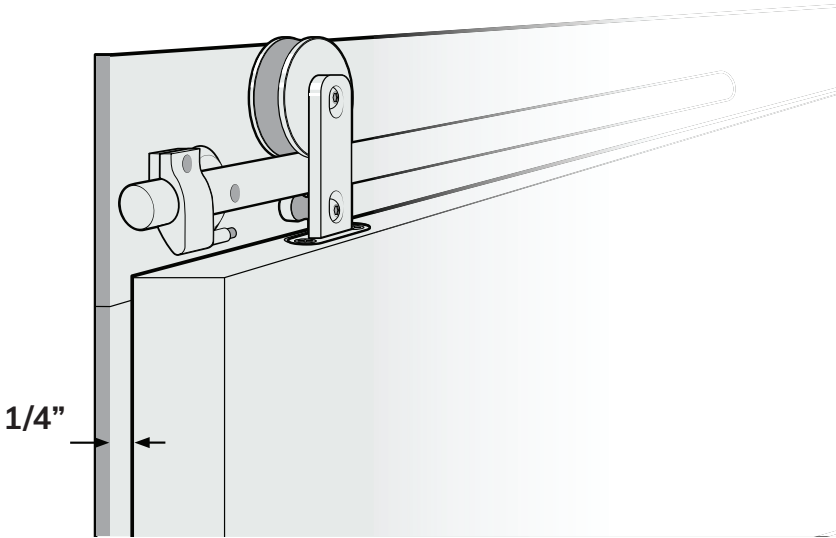
3. CHECK DOOR TO WALL CLEARANCE

The minimum recommended door to wall clearance is 1/4".

Important! If your door is less the 1 1/4" wide you will need to factor this in when preparing the mortise pocket (see Attaching the Hangers, pages 10 and 11).

DOOR TO WALL CLEARANCE

Rail Type & Mounting	Minimum Clearance from Door to Wall
Hex bar & Swiss Rod	1/4"



Wall Clearance

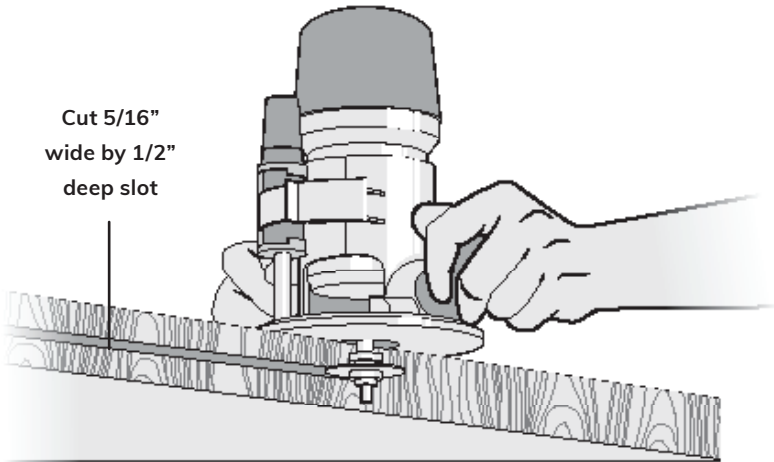
4. ASSEMBLING THE DOOR

IMPORTANT! The hardware is rated to handle a maximum door weight 400 lb. per pair. The rating is per pair of trolleys. Do not attach a door that exceeds the weight capacity of the hardware.

CUT THE T-GUIDE SLOT (T-GUIDES ONLY)

Bottom guides keep the door from swinging in and out. There are four types of bottom guides, the T-Guide, C-Guide, Wall Mounted Stay Roller, and the Industrial Floor Mount Stay Roller. Of the four, only the T-Guide needs to have the door prepared. Follow these steps to cut the slot for the T-Guide:

1. Securely clamp the door.
2. Using a router the 1/4" straight bit, cut a slot that is 5/16" wide by 1/2" deep.



Cut 5/16"
wide by 1/2"
deep slot

CUT THE T-GUIDE SLOT

ATTACHING THE HANGERS

The architectural track system has two models, the Hex Bar and the Swiss Rod. The steps to attach the hanger is the same for both types.

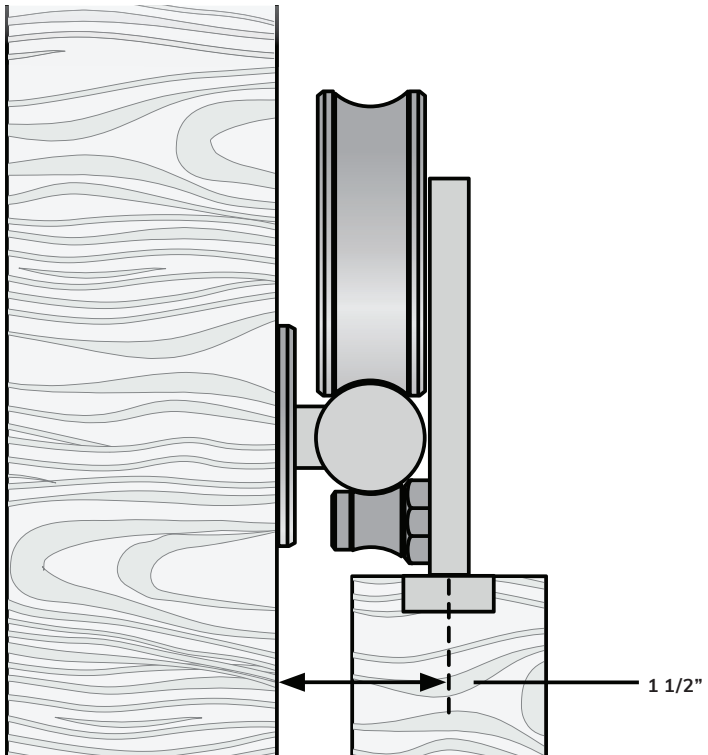
Important! Mount the hanger on the top of the door (non-mortise) if the door is less than 1 1/4" thick. Follow these steps to attach the hangers to the door in a recessed (mortise) pocket:

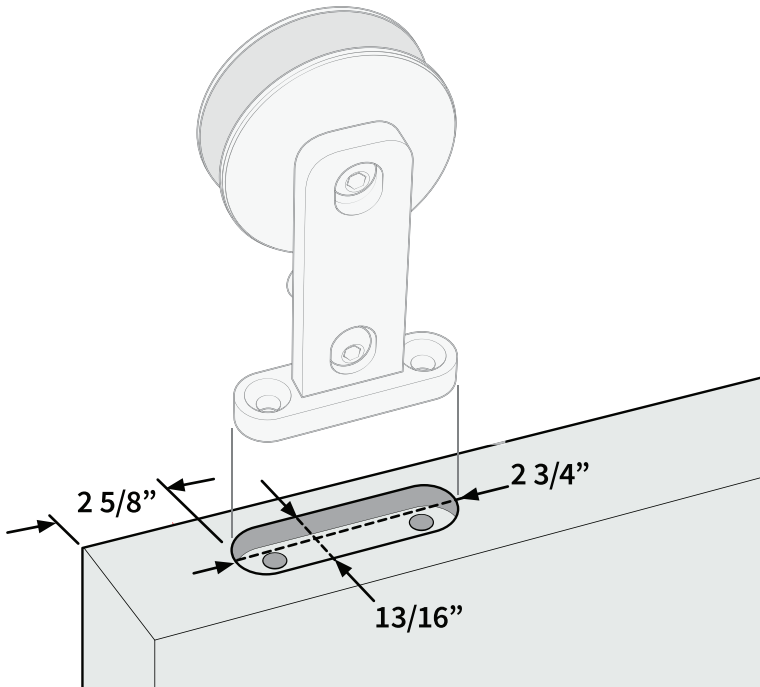
1. Measure 2 5/8" in from the outside edge of the door to the side edge of the pocket. Mark the side edge of the pocket.

Important! Your project requirements may vary if there are multiple doors on the track. Always vary hanger location before mortising.

2. Mark the center across the width of the door.

Note: Hangers need not be installed in the center of the door. You will need a minimum of 1 1/2" to the center of the pocket. Always check the door to wall clearance before mortising.





3. Using the hanger base as a size template, outline the pocket and mark the wood screw locations.
4. Cut the pocket $\frac{5}{16}$ " deep.

Cut the Hanger Pocket

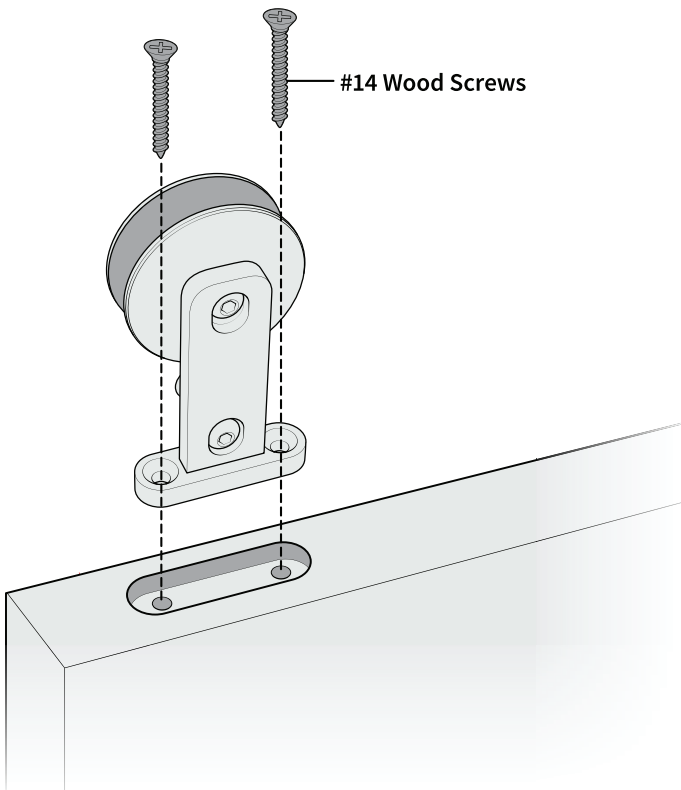
5. Drill 1/8" diameter pilot holes for the two wood screws.

Important! Failure to drill adequate holes may cause the stainless steel screws to fracture upon installation.

6 Square the hanger base to the door edges and screw into place.

7. Repeat steps 1 – 6 for the second hanger.

Important! Ensure the hangers are square to the door, aligned with each other and are the same height from the top of the door.



Mount the Hanger

5. MOUNTING THE DOOR(S)

Mounting the Track to the Wall

Note: If your architectural series track has multiple track sections, they are supplied with a dowel splice to assist in track alignment.

- a. Insert dowel splice into one end of one track.
- b. Layout track sections on floor, and couple the second track to the first.

Follow these steps to mount the track for a single door installation:

- 1. To locate the position of the mounting hole for the first Hanger:
 - a. Determine where the track(s) will be mounted and mark where the end of the track will be.
 - b. Measure the first mounting hole on the track and mark the horizontal location of the first mounting hole on the wall.
 - c. Calculate the distance from the floor to the track mounting holes. Mark the vertical location for the first mounting hole on the wall.

Track Mounting Hole Calculation (from floor)

Track Type	Guide Clearance	Door Height	Distance from top of door to mounting hole	Distance from floor to mounting hole
Hex & Swiss	1/2" + _____	_____	+ 1 1/4"	= _____

2. On the track, measure the distance between the first mounting hole and the remaining mounting holes.

3. Mark the locations of the remaining mounting holes.

Important! Make sure all the mounting holes are level and the same distance from the floor. Use of a laser level is strongly recommended.

4. At each mounting location, drill a 1/8" diameter pilot hole for the Socket Head Lag Bolts.

5. Ream pilot holes to 1/4" diameter.

6. On the first mounting hole, place a Standoff Plate and Standoff behind the track. Using a drill and the included 1/4" hex driver, loosely mount the track to the wall with a Socket Head Lag Bolt.

7. Repeat steps 6 for the remaining track mounting locations and securely mount the track to the wall. Note: When installing multiple tracks, make sure the Dowel Splice is present between the tracks.

8. Assemble the Bumper End Stops.

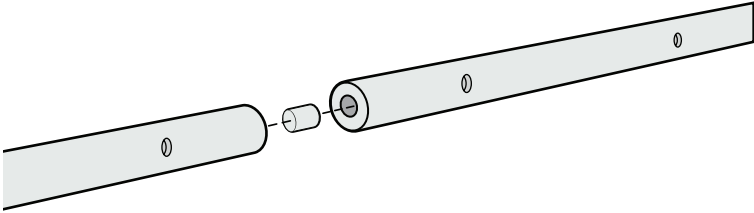
9. Place a Bumper End Stop at the desired distance *in* from the end of the track. Align the bumper so it makes contact with the hanger.

Important! Installation with more than one door on a track or installation requiring a door to stop in the middle of a track will need bumper stops installed on the rail before securing to the wall.

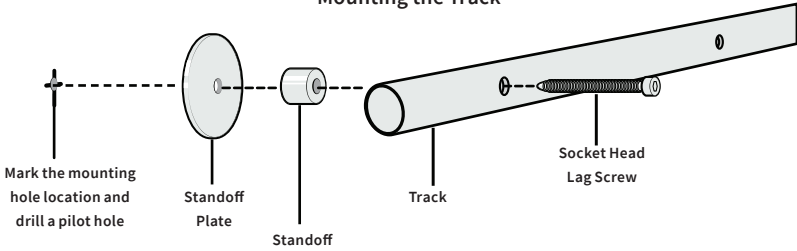
10. Using a 3/16" Allen wrench, tighten the Bumper End Stop onto the track.

MOUNTING THE TRACK TO THE WALL

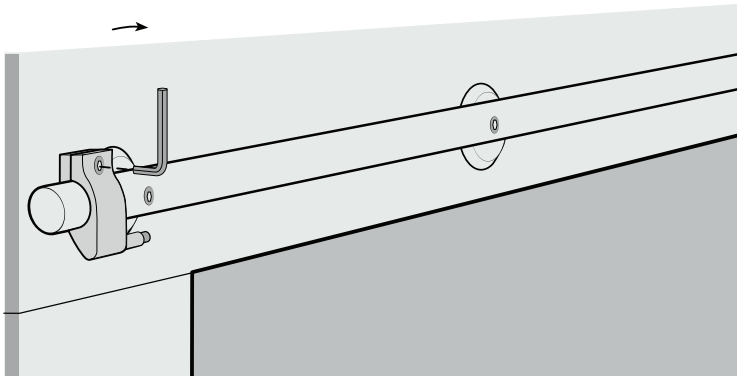
Attaching Multiple Tracks with a Dowel



Mounting the Track



Attaching a Bumper End Stop

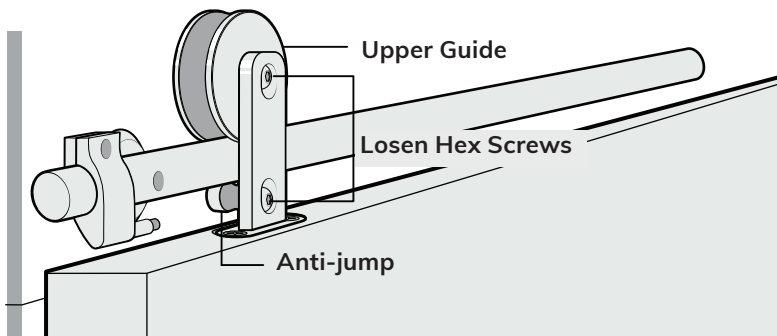


Use an Allen wrench to attach the Bumper End Stops

ATTACHING THE DOOR TO THE TRACK

1. On both hangers, loosen the hex screws on upper guide and anti-jump.
2. Move the upper guide up to the top of the slot and tighten the hex screw.
3. Move the anti-jump down until the track can fit in between.
4. Lift the door and place the hangers onto the track rail.
5. Move the anti-jump to the desired position and tighten the hex screw.
Note: Leave a small amount of clearance between the anti-jump and rail.
6. Move the door from end to end and test how the door slides.

Note: If necessary, adjust the height and balance of the door by loosening and re-tightening the hex screws on the upper guide and anti-jump.



MOUNTING BI-PARTING DOORS

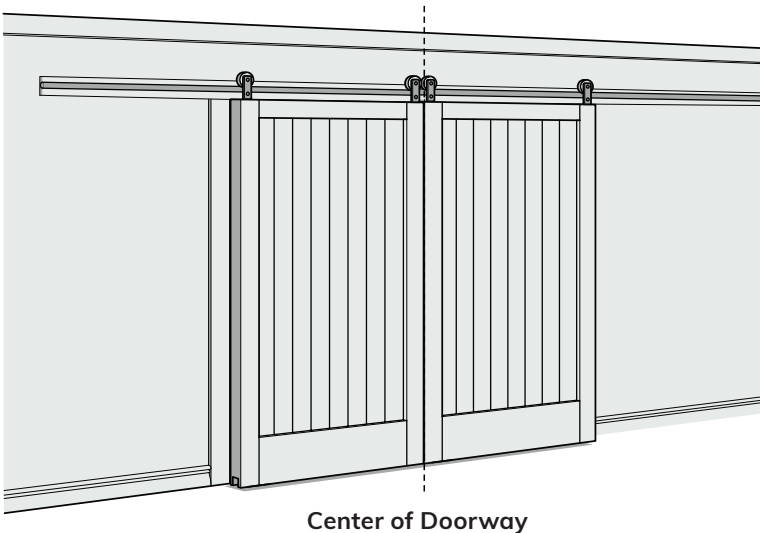
Bi-parting doors can be arranged a number of ways. Choose the option below that best fits your installation.

Two Separate Tracks (with or without a splice):

1. Determine the center of the doorway.
 2. Start with the left side door and follow the instructions for mounting a single door.
 3. After attaching the track on the left side, butt the end of the tracks together and repeat the steps for mounting a single door.
- Note: Be sure the bumper stops are on the track before installing the second track.

A Single Section of Track

1. Determine the center of the doorway.
2. Slide two bumper stops back to back to the mid-position of the track.
3. Center the track over the doorway, and follow instructions for mounting.
4. After attaching the track on the left side, butt the end of the tracks together and repeat the steps for mounting a single door.



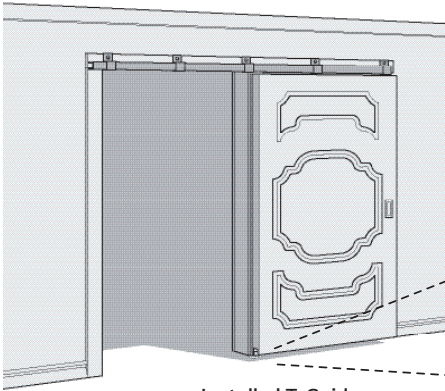
FLOOR GUIDE INSTALLATION

This section provides installation instruction for the following door guides:

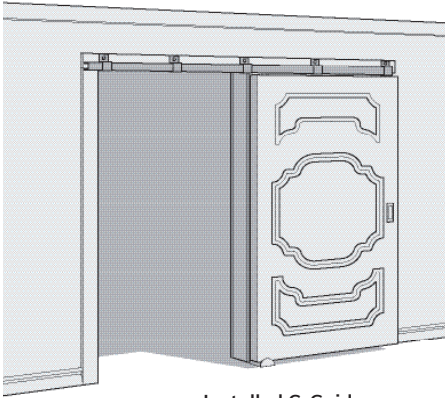
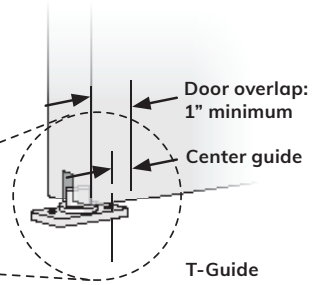
1. T-Guide
2. C-Guide
3. Wall Mounted Stay Roller

Follow these steps to install a T-Guide, C-Guide or Wall Mounted Stay Roller:

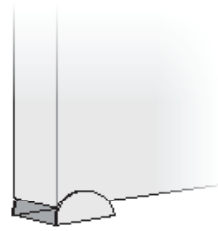
1. Plumb, and block, the door so it is square to the floor.
2. Determine how wide the door overlap is (minimum 1").
Note: The door overlap is the distance between the leading edge of the door when fully open, and the trailing edge of the door when fully closed.
3. Mark the centerline of the overlap.
4. Place the guide and slide it to the centerline of the overlap and mark the edges of the base.
5. Remove the door from the track.
6. Re-align the guide to the base markings. Pre-drill and install the guide.
7. Put the door back on the track and slide it to test. If necessary, adjust the guide so it is square to the door.



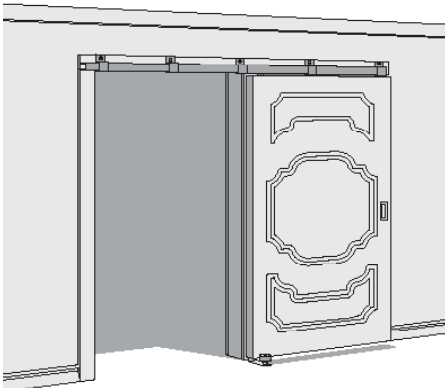
Installed T-Guide



Installed C-Guide



C-Guide



Stay Roller

POWDERCOATED FINISHES

If damage to a powder coated finish occurs during installation, apply touch-up paint (not included, available for purchase).

BRUSHED STAINLESS STEEL

- Polish and protect your finish with included silicone-impregnated polishing cloth.
- Use a Scotch-Brite™ pad to buff out minor scratches and imperfections.
- Periodically check the hardware for loose fasteners. Verify fasteners are secure.
- Keep the rail and wheels free of dust and debris. Periodically wipe the rail with a damp cloth, meant for wood products, but this also works great with metal as well. After the first application follow the recommended usage for re-application to the hardware.



REAL/CRAFT

ABOUT US

RealCraft is committed to excellence in creating high quality products for customers around the world. Built Real in the USA, our original door and hardware designs are visually stunning and structurally robust. We strive to exceed your expectations by combining personalized customer service with the highest quality products. We invite you to Build Real.™

RealCraft is constantly releasing new, innovative, and exclusive products. We always have great things in the works, so swing by our website to stay completely up to date on everything we have to offer.

ORDER TODAY

To order please call us at **800.694.5977**. Our experienced designers are ready to help you find the perfect doors and hardware for your project's needs. Order your RealCraft doors, hardware, countertops, or accent walls today!

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