

# CLOSET INSTALLATION GUIDE



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## HARDWARE COMPONENTS




Screw-in Stud



Double-sided Stud




Locking Shelf Clip



Closet Rod




Closet Rod Cup - Closed



Closet Rod Cup - Open

## INSTALLATION TOOLS




Pencil




Screwdriver



Tape Measure



Level



Electric Drill\*

## UNDERSTANDING AND USING YOUR DESIGN PACKET

The design packet included with your closet features detailed line drawings of your configuration with the location of uprights (**U14**), fixed shelves (**FS**), closet rods (**CR**), drawers (**DR**), toe kicks (**TK**), as well as suggested locations for your adjustable shelves (**AS**). Refer to this packet throughout the installation process for accurate measurements.

## DESIGN PACKET LEGEND (NOTE: All measurements are in inches)

**DD** = depth; **WW** = width; **HH** = height; **%L** = length; **%UL** = uncut length

**U14-T** = Upright Partition Through Drill

**FS** = Fixed Shelf

**DRhh** = Drawer

**U14-L** = Upright Partition Left Stop Drill

**AS** = Adjustable Shelf

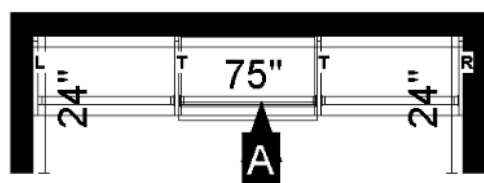
**TK** = Toe Kick

**U14-R** = Upright Partition Right Stop Drill

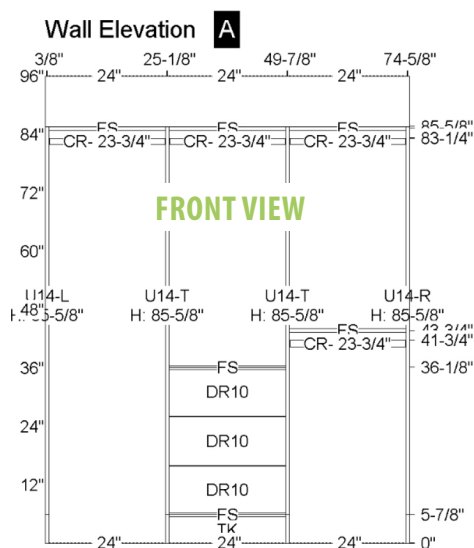
**CR-%L** = Closet Rod

## LINEAR WALL CLOSET SHELL EXAMPLE:

A linear wall closet is one which has no adjacent closet walls (corners) attached to it. Shown here is an example of a 75-inch linear wall closet with its top view and front view.



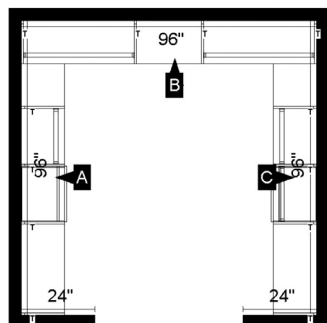
TOP VIEW



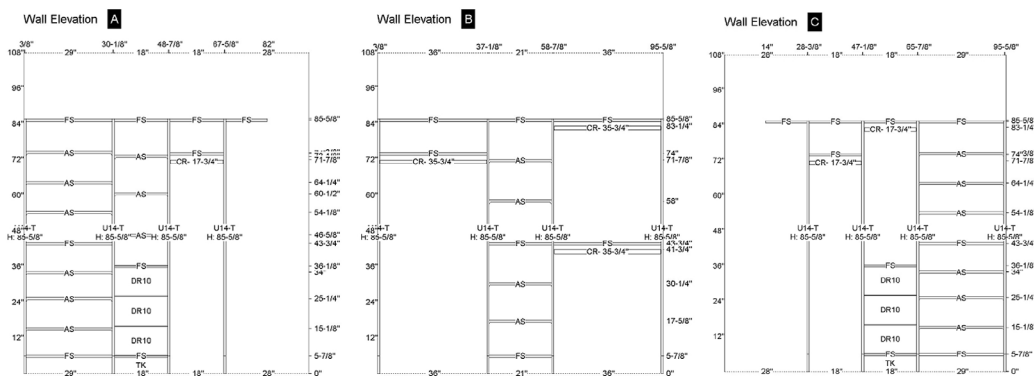
## MULTI-WALL CLOSET SHELL EXAMPLE:

A multi-wall closet is one which has one or more adjacent closet wall(s) (corners) attached together. Shown here is an example of a 3-wall closet with its top view and three front views.

FRONT VIEWS

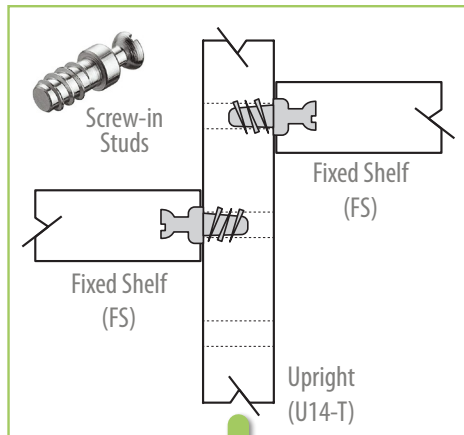


TOP VIEW

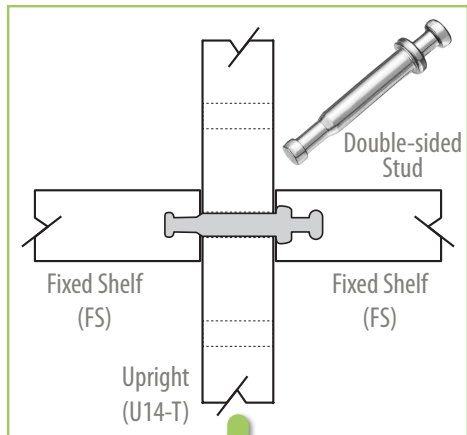
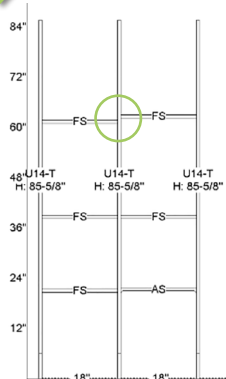


## CORRECT USE OF SCREW-IN AND DOUBLE-SIDED STUDS

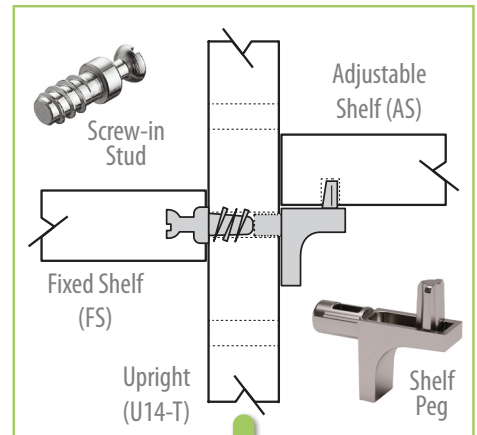
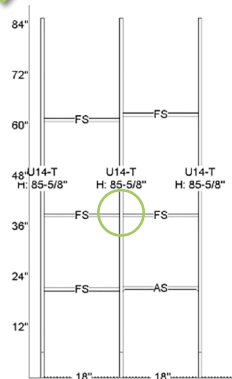
Whenever two fixed shelves (FS) are to be installed at the same elevation on both sides of the same upright (U14), double-sided studs should be used. Use the following examples to determine where a double-sided stud should be used.



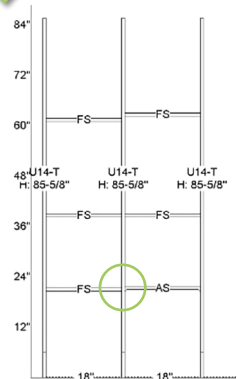
**EXAMPLE A:** When the fixed shelves on either side of an upright are not aligned, use screw-in studs.



**EXAMPLE B:** When the fixed shelves on either side of an upright are aligned, use double-sided studs.

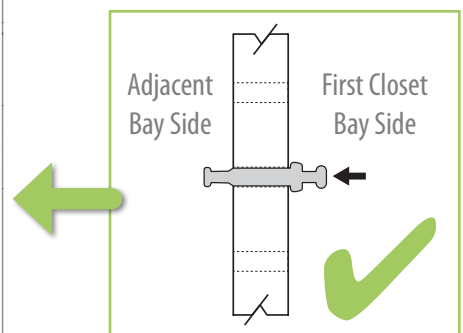
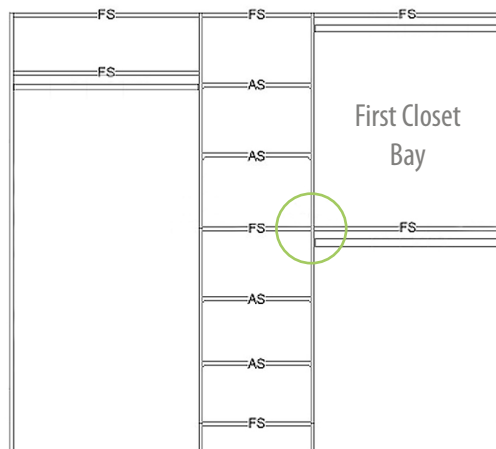
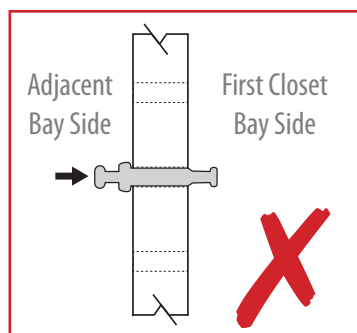


**EXAMPLE C:** When installing an adjustable shelf opposite a fixed shelf, use a screw-in stud and shelf pin in the same hole.



## IMPORTANT! CORRECT INSERTION OF DOUBLE-SIDED STUDS

When using double-sided studs, always insert away from the first bay in a closet wall run (U14), otherwise your adjacent closet bays will not be properly secured. See examples below:

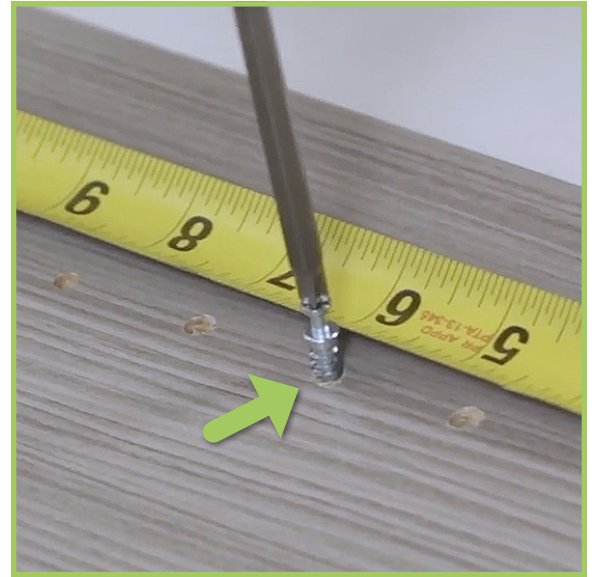




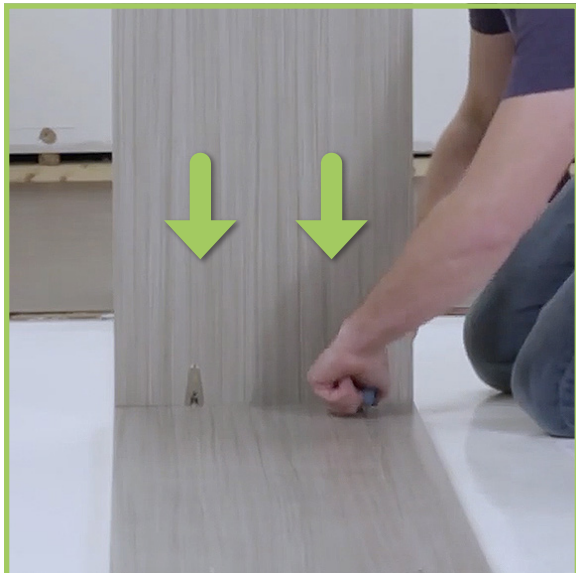
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## PART 1a: Installing Linear Wall Closet Shell

**STEP 1** Locate your first upright (**U14**) and place it on the floor with holes facing up. Refer to the elevation drawing from your design packet and install screw-in studs in all holes where a fixed shelf (**FS**) is to be installed. Use a tape measure to locate the correct holes on the upright. **NOTE: Always measure from the bottom up.**

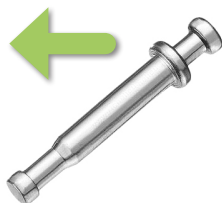


**STEP 2** Place your fixed shelves over the studs in the first upright and tighten the cams installed on the bottom of the fixed shelves. Repeat this step with all of the fixed shelves on your first upright.

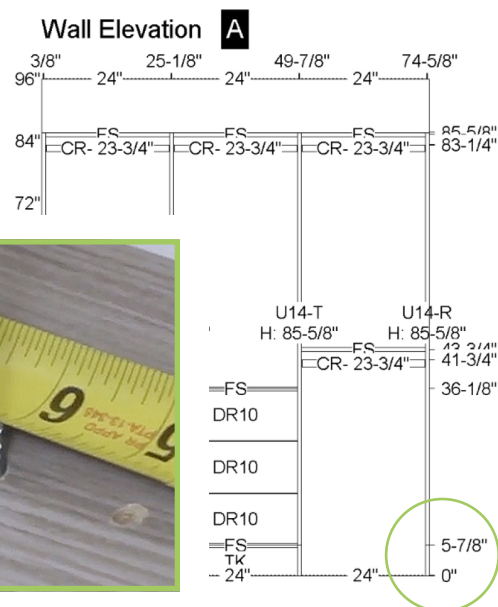


# PART 1a: Installing Linear Wall Closet Shell, cont'd

**STEP 3** Locate your next upright (**U14**) and refer to the elevation drawing from your design packet to see if it shares any of its fixed shelf (**FS**) locations with the next bay. For shared fixed shelves, insert a double-sided stud in those corresponding holes in the upright. For fixed shelves that are not shared, use screw-in studs.



OR



**STEP 4** Take your second upright (**U14**) and place it on top of the fixed shelves, aligning the studs with the shelf cams. Finish this first tower by tightening the cams on all fixed shelves. Stand up your first tower and position it according to your drawing.

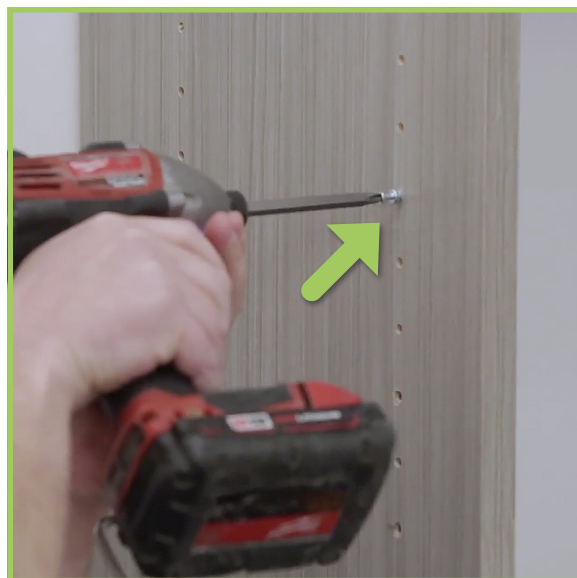




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## PART 1a: Installing Linear Wall Closet Shell, cont'd

**STEP 5** Measure up from the floor and install any additional screw-in studs necessary for fixed shelves (**FS**) that will NOT be using the pre-installed double-sided studs. Refer to the elevation drawing from your design packet to confirm correct hole positions.



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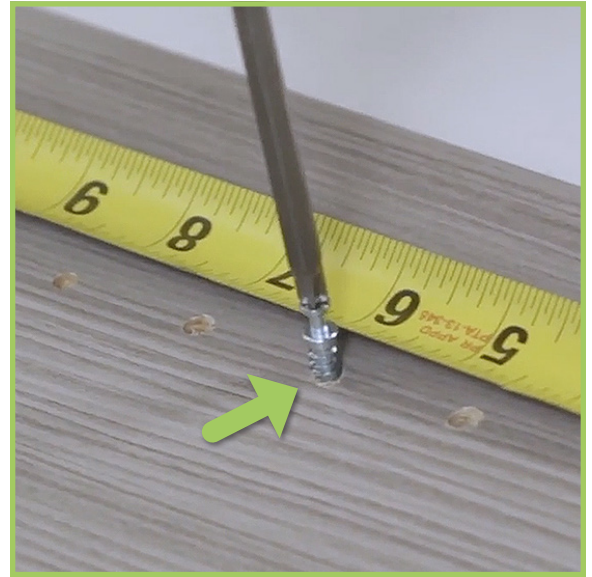
**STEP 6** With the assistance of another person, hold the next upright (**U14**) with its fixed shelf (**FS**) studs installed in position while positioning and securing all fixed shelves. **Repeat until you have finished the entire linear wall assembly.**



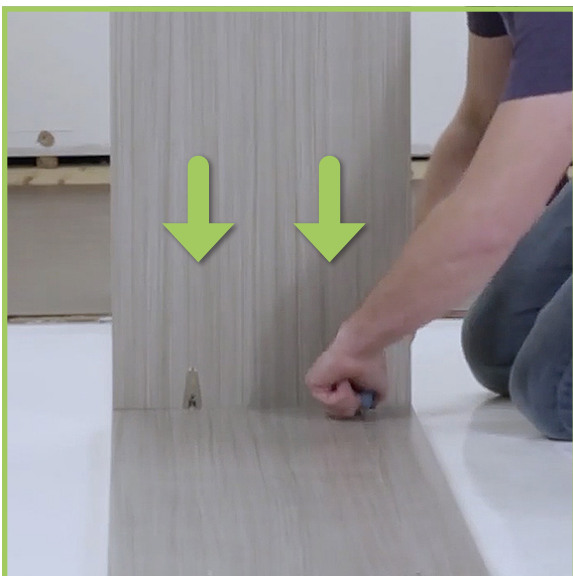
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## PART 1b: Installing Multi-Wall Closet Shell

**STEP 1** Locate your first upright (**U14**) and place it on the floor with holes facing up. Refer to the elevation drawing from your design packet and install screw-in studs in all holes where a fixed shelf (**FS**) is to be installed. Use a tape measure to locate the correct holes on the upright. **NOTE: Always measure from the bottom up.**



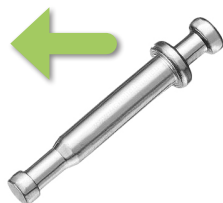
**STEP 2** Place your fixed shelves over the studs in the first upright and tighten the cams installed on the bottom of the fixed shelves. Repeat this step with all of the fixed shelves on your first upright.



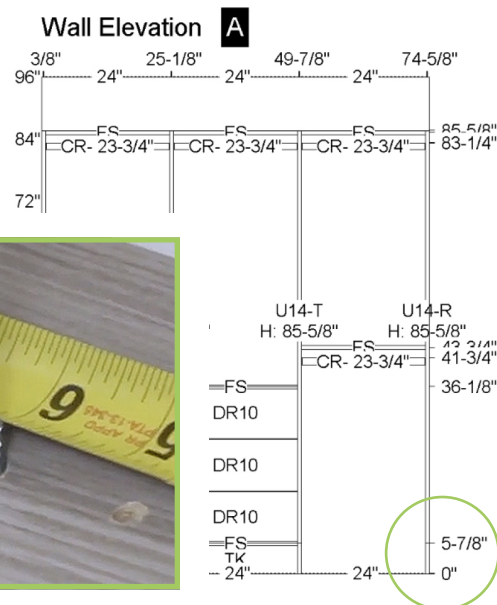


## PART 1b: Installing Multi-Wall Closet Shell, cont'd

**STEP 3** Locate your next upright (**U14**) and refer to the elevation drawing from your design packet to see if it shares any of its fixed shelf (**FS**) locations with the next bay. For shared fixed shelves, insert a double-sided stud in those corresponding holes in the upright. For fixed shelves that are not shared, use screw-in studs.



OR



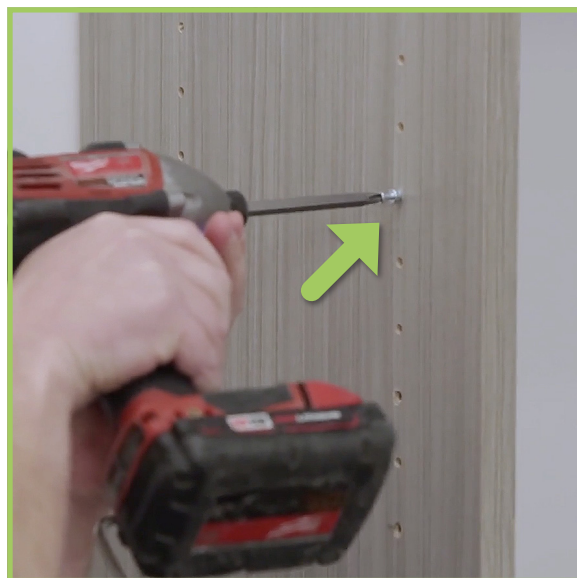
**STEP 4** Take your second upright (**U14**) and place it on top of the fixed shelves, aligning the studs with the shelf cams. Finish this first tower by tightening the cams on all fixed shelves. Stand up your first tower and position it according to your drawing.



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## PART 1b: Installing Multi-Wall Closet Shell, cont'd

**STEP 5** Measure up from the floor and install any additional screw-in studs necessary for fixed shelves (**FS**) that will NOT be using the pre-installed double-sided studs. Refer to the elevation drawing from your design packet to confirm correct hole positions.



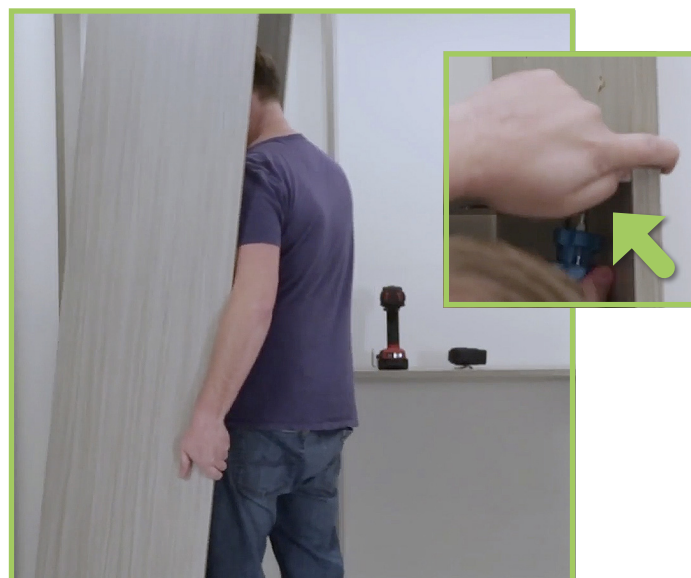
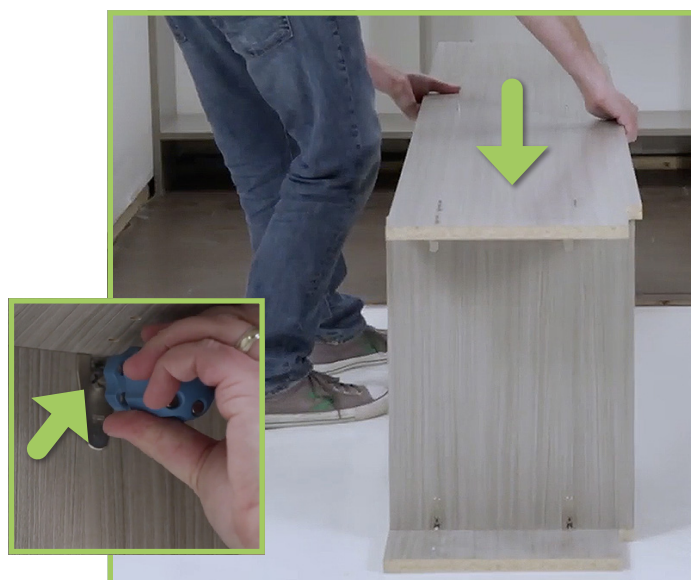
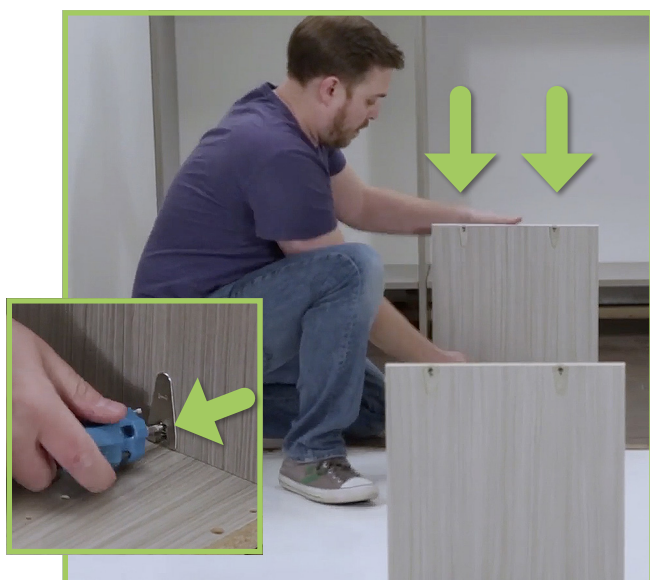
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**STEP 6** With the assistance of another person, hold the next upright (**U14**) with its fixed shelf (**FS**) studs installed in position while positioning and securing all fixed shelves. **Repeat until you have finished the entire linear wall assembly.**



## PART 1b: Installing Multi-Wall Closet Shell, cont'd

**STEP 7** Locate the elevation drawing from your design packet which corresponds to the adjacent wall of your closet you will assemble next. Accounting for the length of the bridge piece which will connect your existing first wall assembly with this new adjacent wall assembly, mark on the wall of the closet where your first side wall tower will be placed. Follow STEPS 1 to 6 and attach your fixed shelves (**FS**) to the appropriate uprights and completing each of the subsequent towers to complete your design.





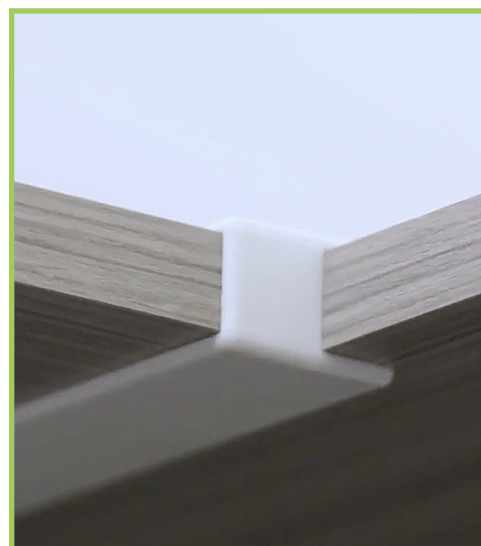
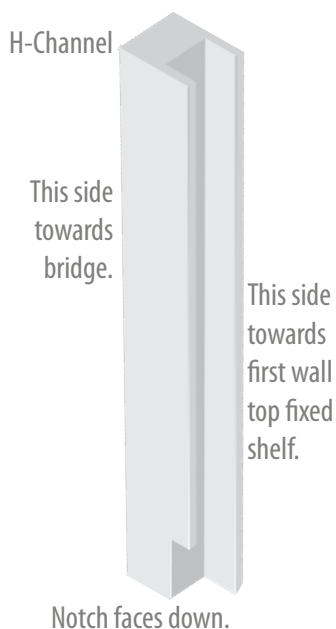
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## PART 1b: Installing Multi-Wall Closet Shell, cont'd

**STEP 8** The 'Bridge' components looks like small fixed shelves, except with cams along one edge only. Lower the cammed edge of a bridge component onto the studs at the end of your adjacent wall assembly upright that is closest to the first wall assembly, then tighten both cams.



**STEP 9** Slide a plastic H-Channel between the bridge component and the fixed shelf at the top of the adjacent tower in the first wall assembly. The notched edge of the H-Channel should face the first wall assembly. Repeat STEPS 8 & 9 for all other bridges in your closet design. **You have now completed The Multi-Wall Closet Shell.**



## PART 2: Installing The Closet Drawers

### DRAWER HARDWARE COMPONENTS



Cam Dowel



Cam Housing



Flat Head Screw

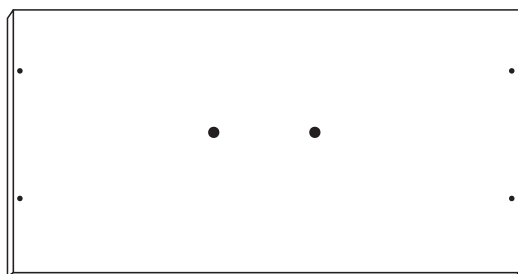


Euro Screw

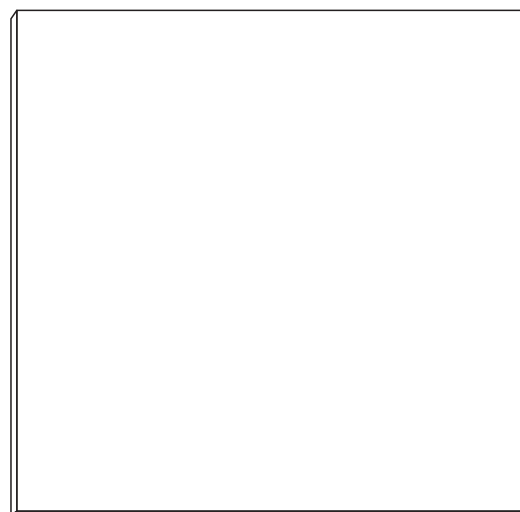


Drawer Runners

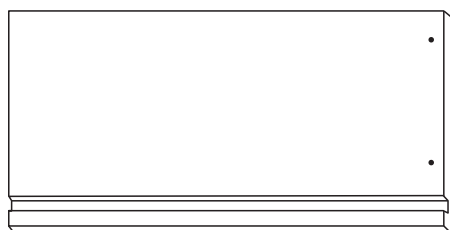
### DRAWER ASSEMBLY COMPONENTS



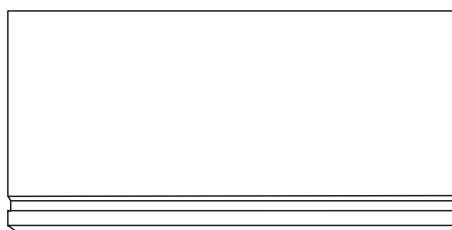
Drawer Front



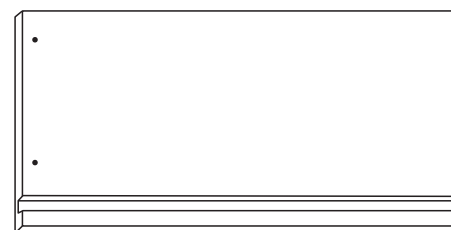
Drawer Bottom



Drawer Side Left



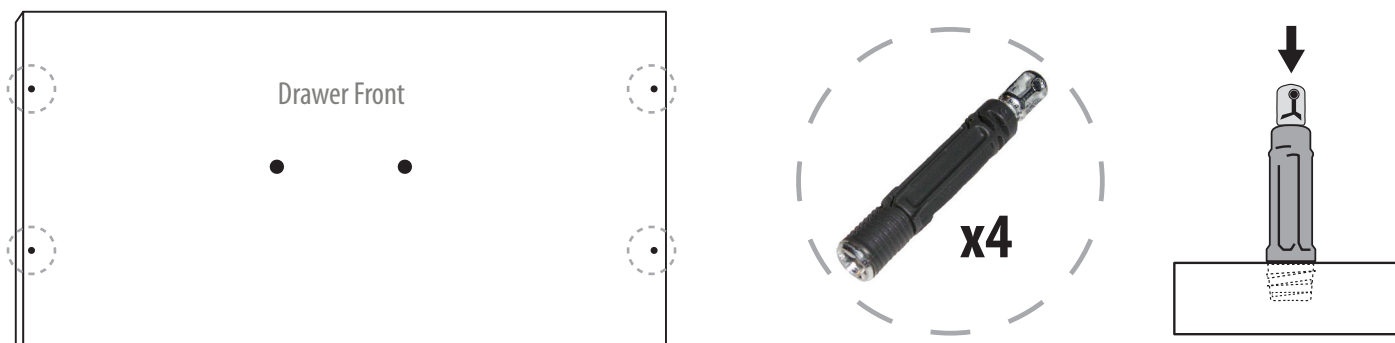
Drawer Back



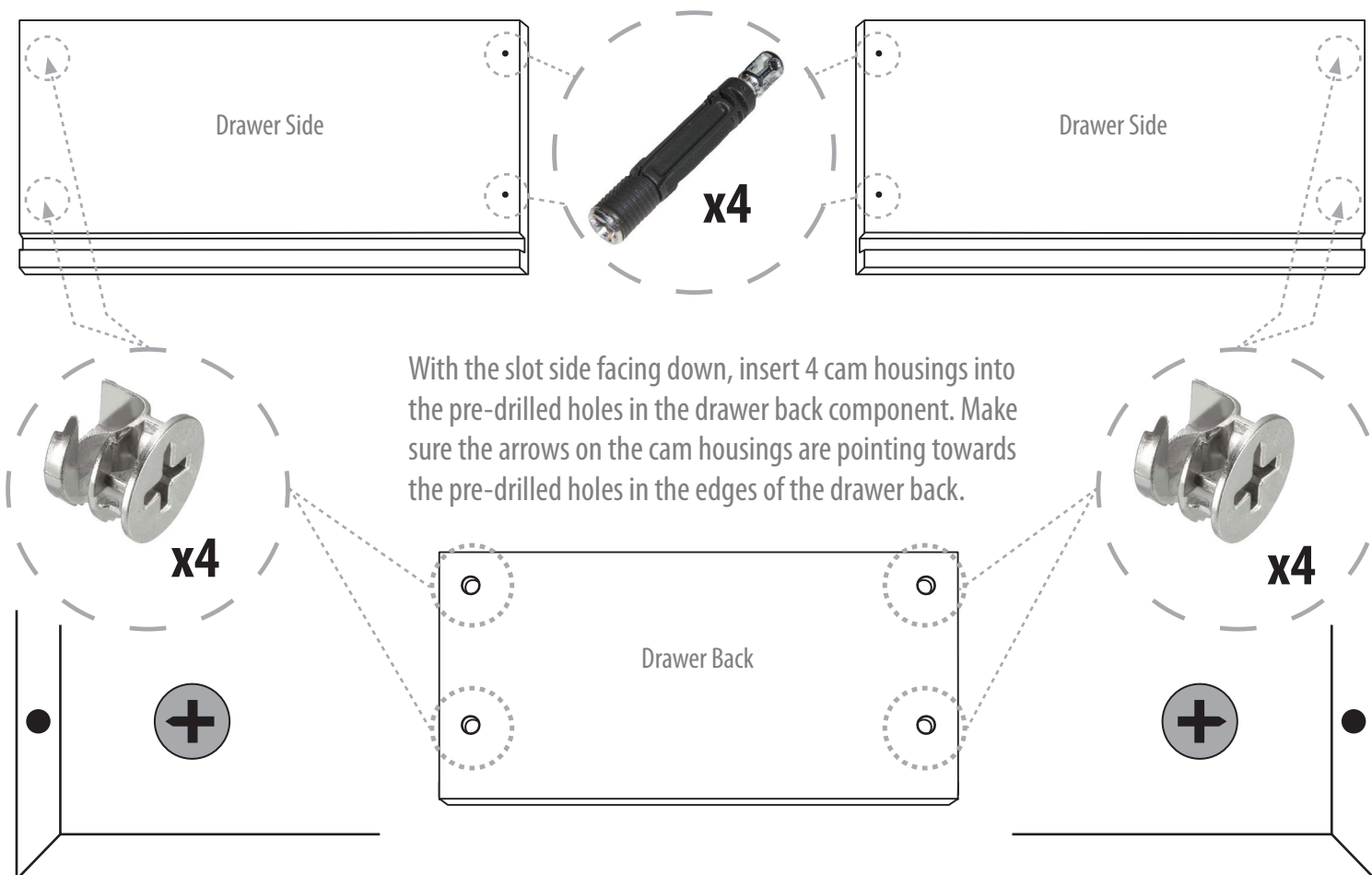
Drawer Side Right

## PART 2: Installing The Closet Drawers, cont'd

**STEP 1** Insert 4 cam dowels into the pre-drilled holes in the drawer front component as shown.



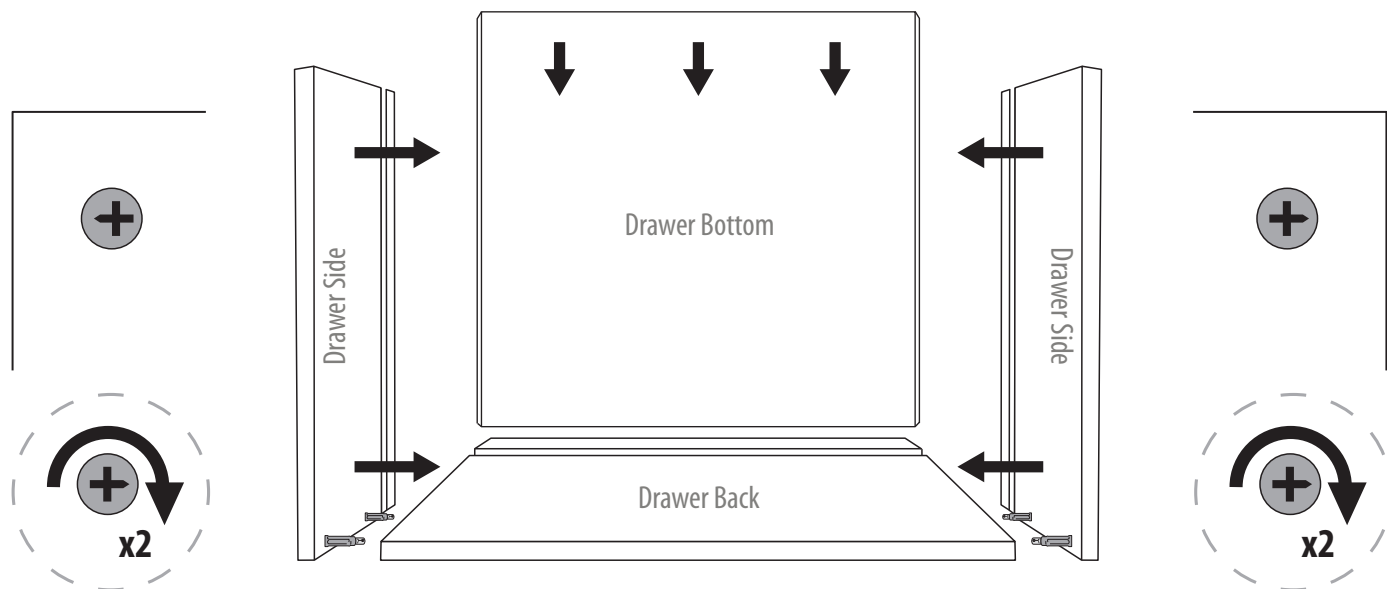
**STEP 2** With the slot sides facing up, insert 4 cam dowels into the pre-drilled holes in the two drawer side components as shown. Then, insert 4 cam housings into the pre-drilled holes in the under-side of both drawer sides. Make sure the arrows on the cam housings are pointing towards the pre-drilled holes in the edges of the drawer sides.



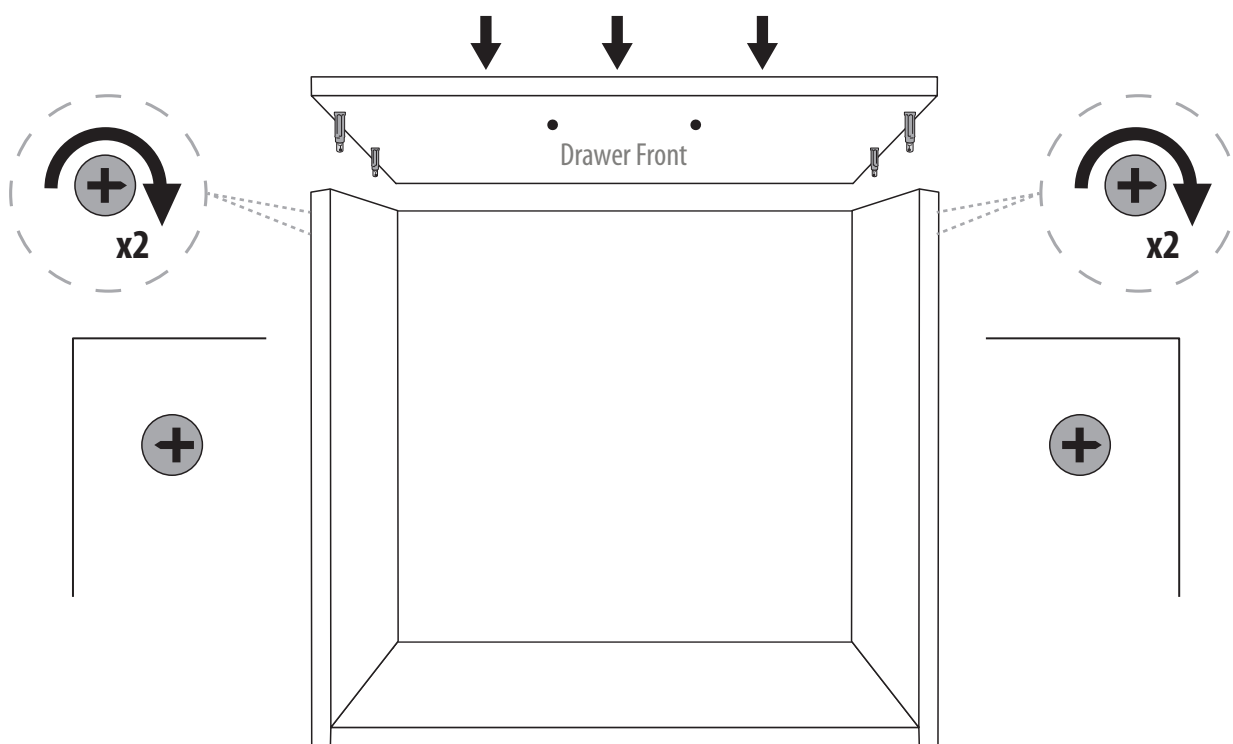


## PART 2: Installing The Closet Drawers, cont'd

**STEP 3** Connect the two drawer sides to the drawer back by inserting their 4 cam dowels into the pre-drilled holes in the edges of the drawer back. Turn the 4 cam housings the drawer back clockwise to lock everything in-place. Slide the drawer bottom downward into the slot in the drawer sides, then into the slot in the drawer back.



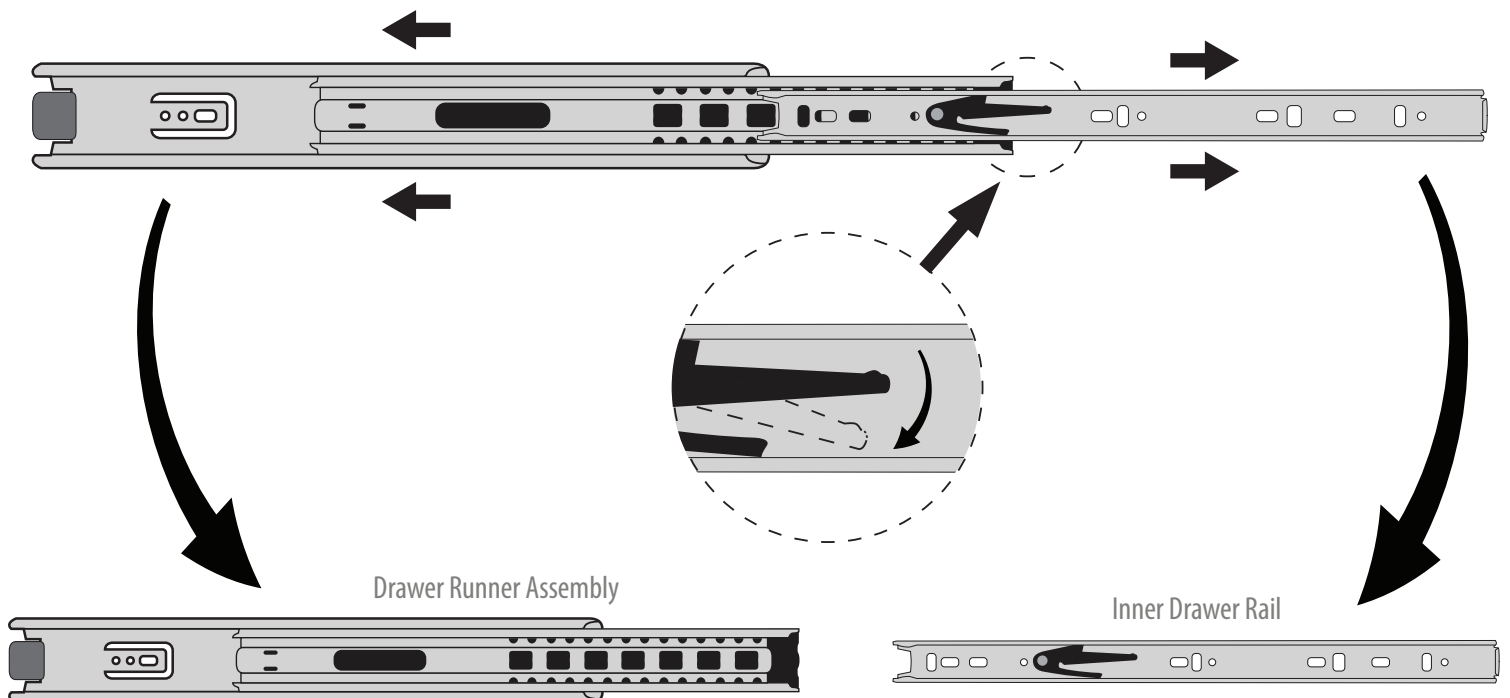
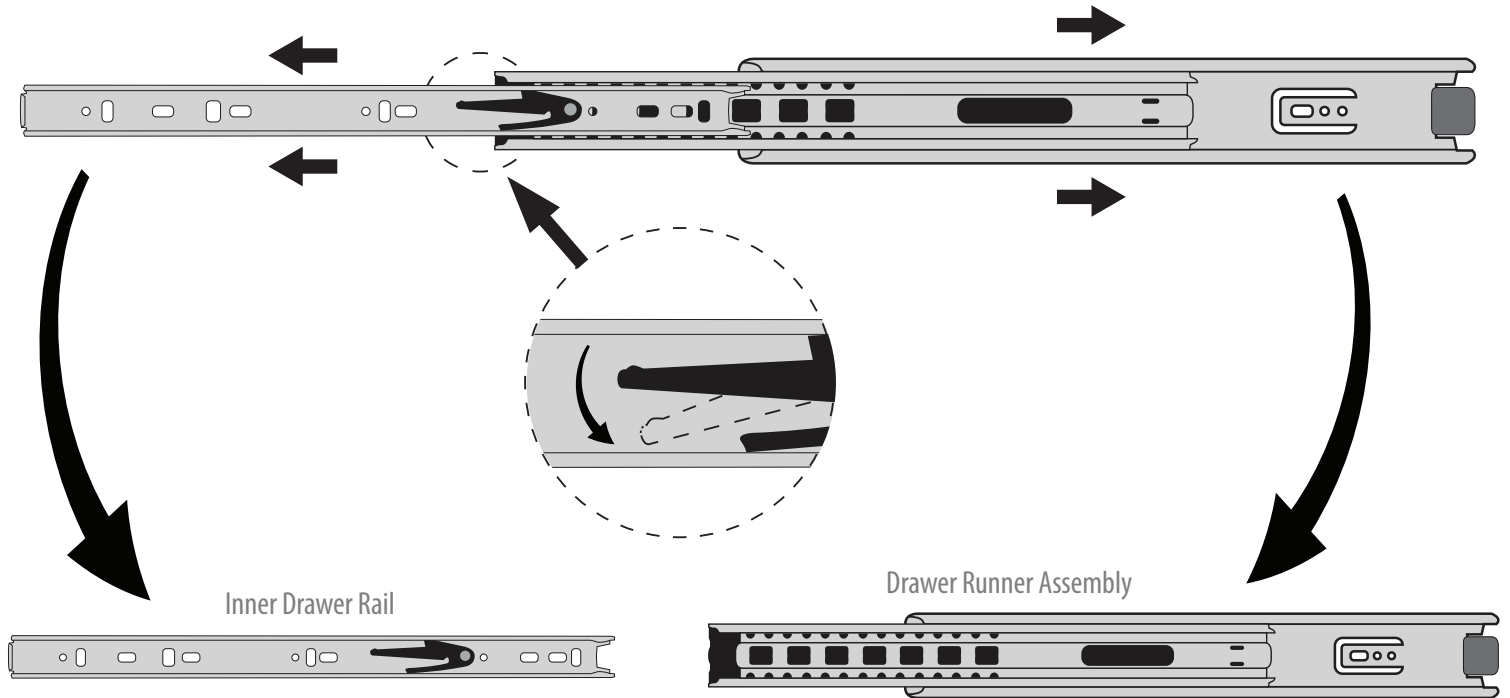
**STEP 4** Bring the drawer front down, inserting its 4 cam dowels into the pre-drilled holes in the edges of the drawer sides. When all components are fitted together, turn the 4 cam housings in the drawer sides clockwise to lock everything in-place.



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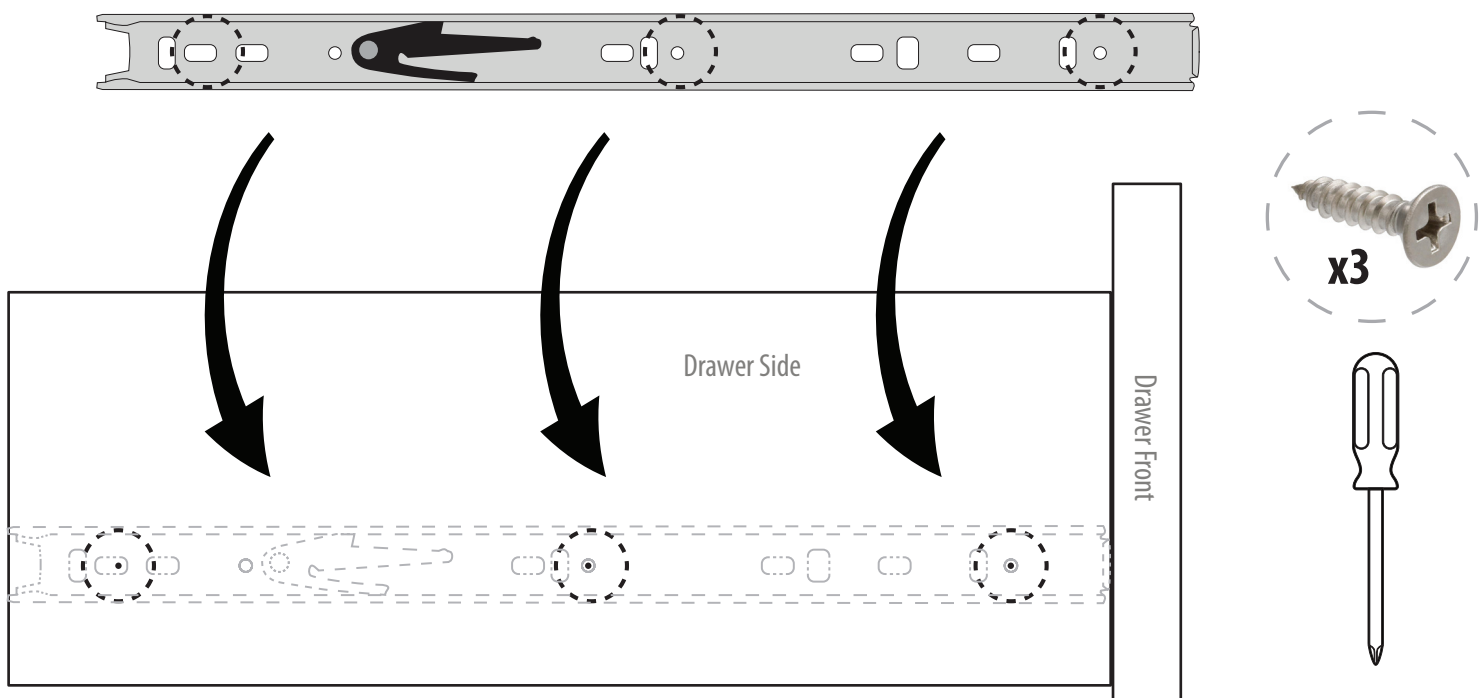
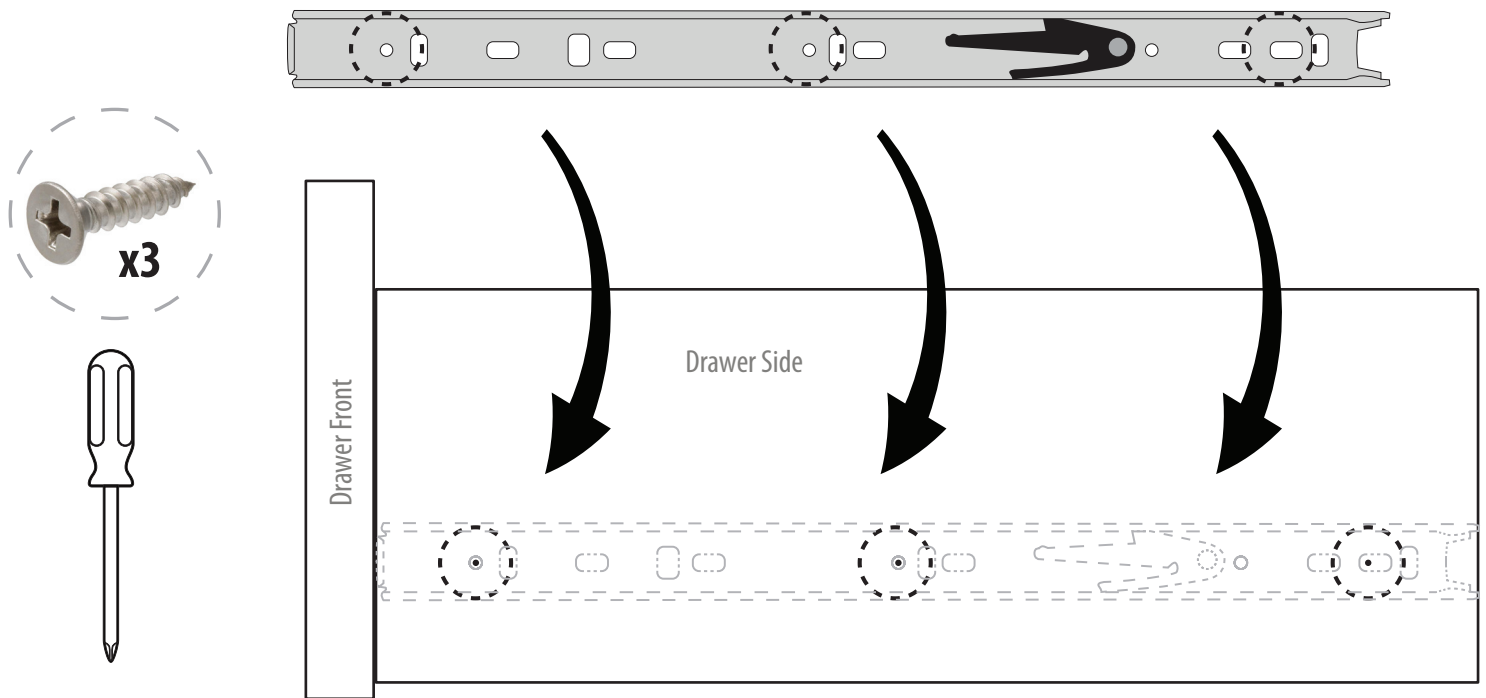
## PART 2: Installing The Closet Drawers, cont'd

**STEP 5** Fully extend each of the 2 drawer runners to expose the black tab on the inside. Squeeze the tab to separate the inner rails from the rest of the drawer runner assembly. These inner rails will be attached to the drawer sides in the next step.



## PART 2: Installing The Closet Drawers, cont'd

**STEP 6** Place one of the inner drawer rails on the side of the assembled drawer with the tab sticking up against the back side of the drawer front. Line up 3 holes on the rail with the 3 pre-drilled holes in the drawer side and attach the rail using 3 flat head screws. Repeat this step for the other inner drawer rail on the opposite side of the same drawer.





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## PART 2: Installing The Closet Drawers, cont'd

**STEP 7** Refer to the elevation drawing from your design packet and **install all main drawer runners to the closet uprights.** Starting from the fixed shelf (**FS**) below the bottom drawer, count up 2 holes and begin by installing the back of the first runners using euro screws, then repeat with the front holes of the runners. Be sure to install both the left and right runners to the uprights. If your next drawer up is a 10-inch deep drawer, count up 8 holes from the first set of runners to install the second set. If your next drawer up is a 6-inch deep drawer, count up 6 holes from the first set of runners. **NOTE: Install all main drawer runners before moving to STEP 8 below.**



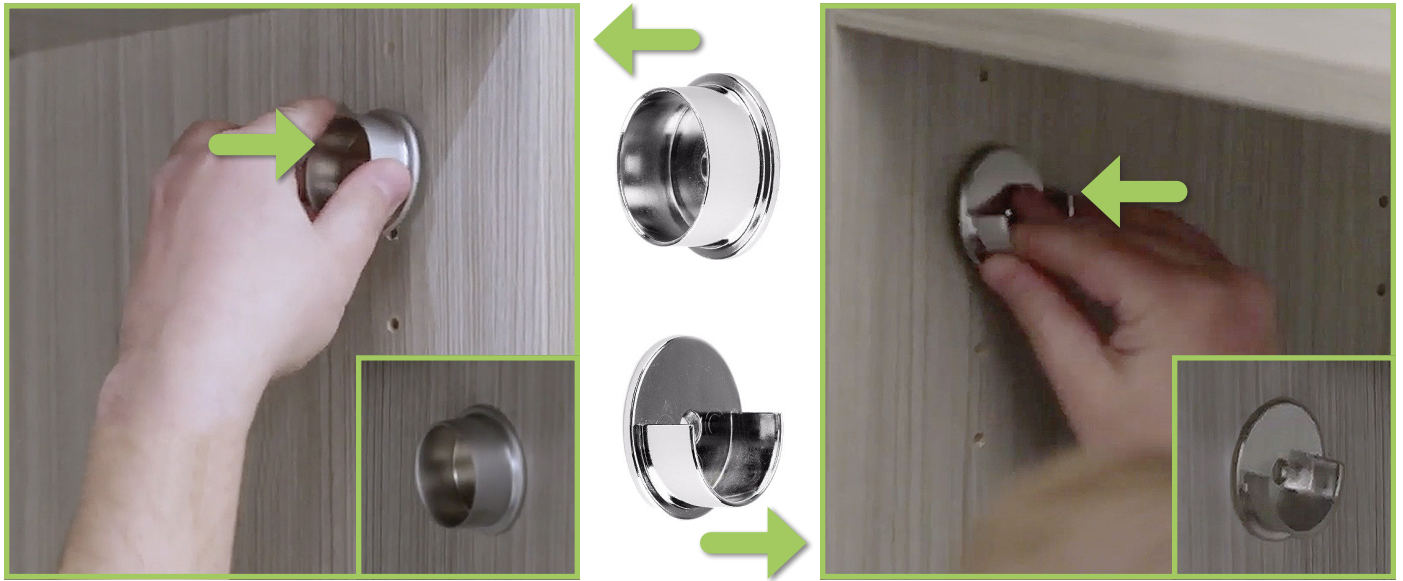
**STEP 8** Push the left and right main drawer runners in until they are fully closed before lining up the rails on the sides of the drawers. Then, with gentle, even pressure, slowly push the drawer in all the way until you hear a “click” sound. Slowly open and close the drawer to confirm that it has been installed correctly. **Repeat STEPS 1 to 8 for all other drawers.**



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## PART 3: Installing The Closet Rods

**STEP 1** Your closet rods are labelled according to the closet bays where they will be installed. Measure the distance to the holes corresponding to the holes shown in your design packet drawings, and install an open and closed hanging rod cup in each bay by pushing them into place directly in the line boring.



**STEP 2** Insert one end of the hanging rod into the closed closet rod cup, then slide the other end of the closet rod into the open closet rod cup on the opposite side of the bay. **Repeat STEPS 1 & 2 for all subsequent closet rods.**

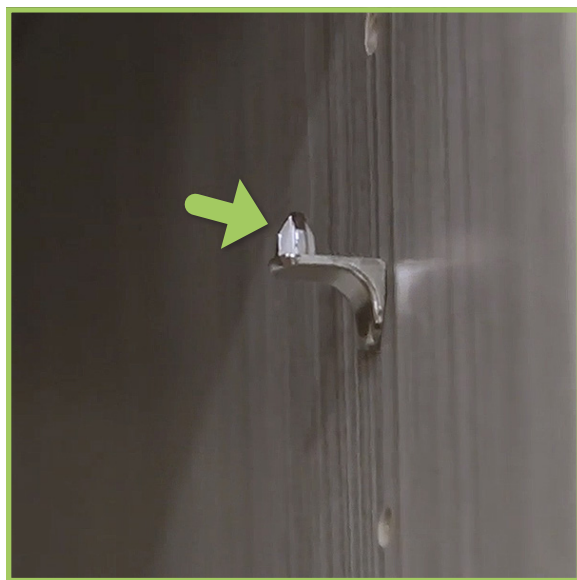




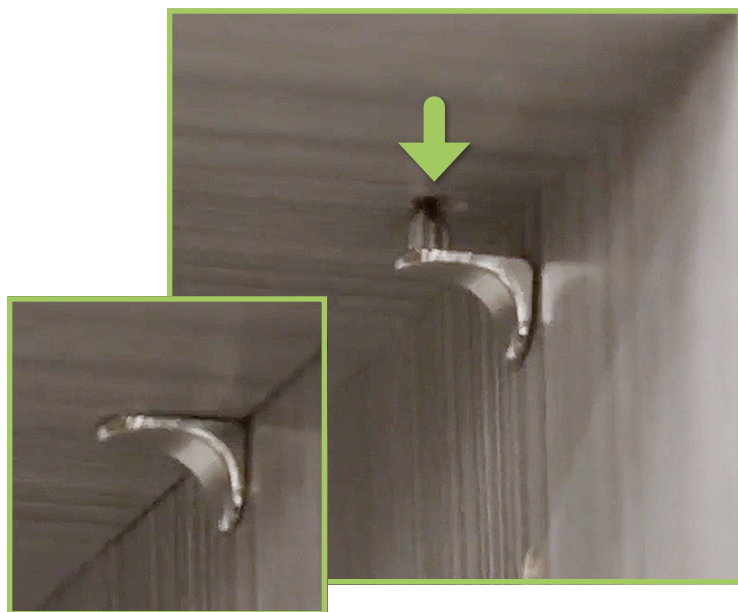
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## PART 4: Installing The Closet Adjustable Shelves

**STEP 1** Establish the locations for each of your adjustable shelves and install 4 locking shelf clips into the corresponding holes in the closet uprights, 2 clips per side. These pins are installed by pushing them into the line boring holes in the uprights. Make certain all clips are installed with their locking pins pointing upwards.



**STEP 2** With its holes facing down, move each adjustable shelf into position above the 4 pre-installed locking shelf clips and gently push down until the shelf is secured onto all 4 clips. **Repeat STEPS 1 & 2 for all remaining adjustable shelves.**

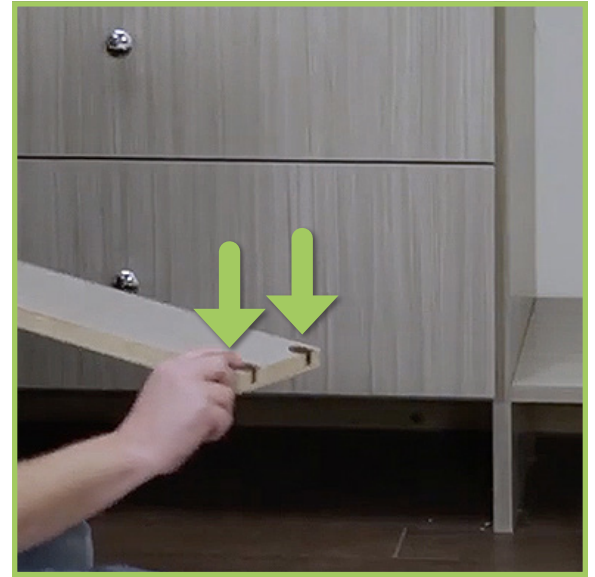




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## PART 5: Installing The Closet Toe Kicks

**STEP 1** Refer to your design packet and locate the closet bays which require the installation of a toe kick. Install 4 metal studs per bay in the first (lowest) and fifth holes of the front line boring holes of that bay. **NOTE: If the bays on either side also require toe kicks, insert double-sided studs, otherwise use single, screw-in studs.**



**STEP 2** Locate the correct length of toe kick for that closet bay, and with its cams facing toward the closet bay, gently press the toekick into position by applying pressure to the four corners until you feel it click into position. **Repeat for all toe kicks.**



NOTES: