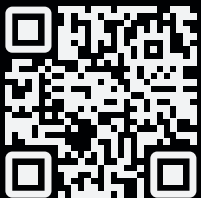


Rakks®

Wall-mounted Shelving

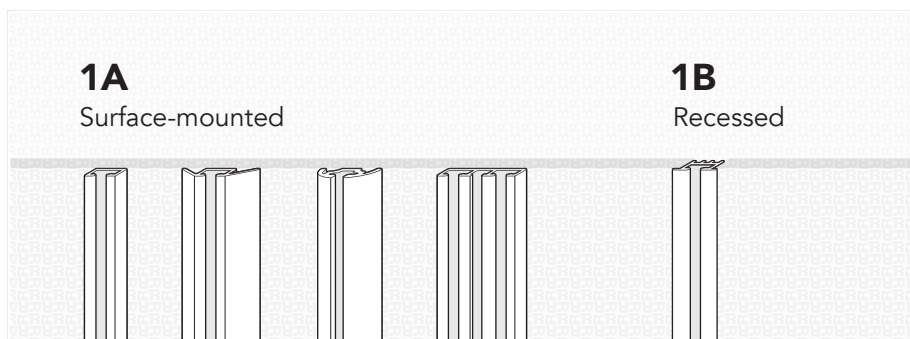
Installation Guide



Scan using the Camera app on
your smartphone for a digital version
of this guide, or go to Rakks.com/install

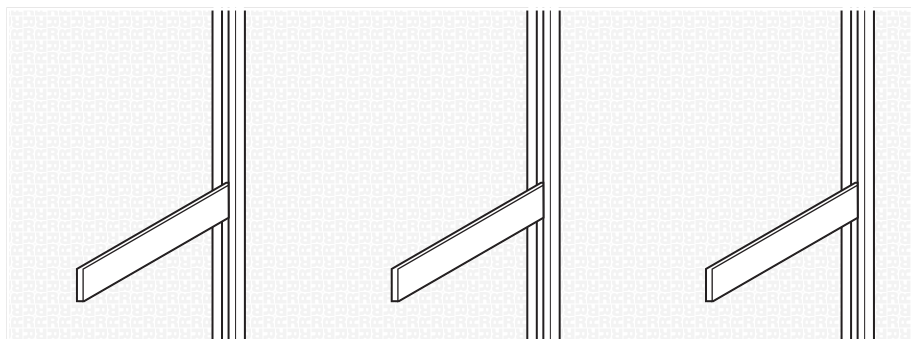
1

Install the
Wall Standards



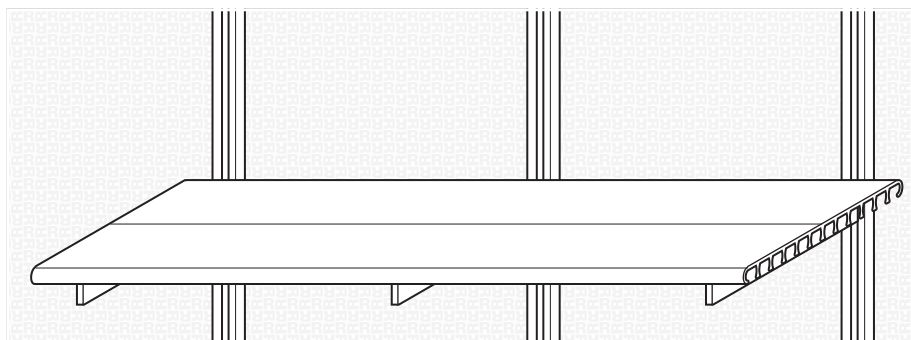
2

Secure the Brackets



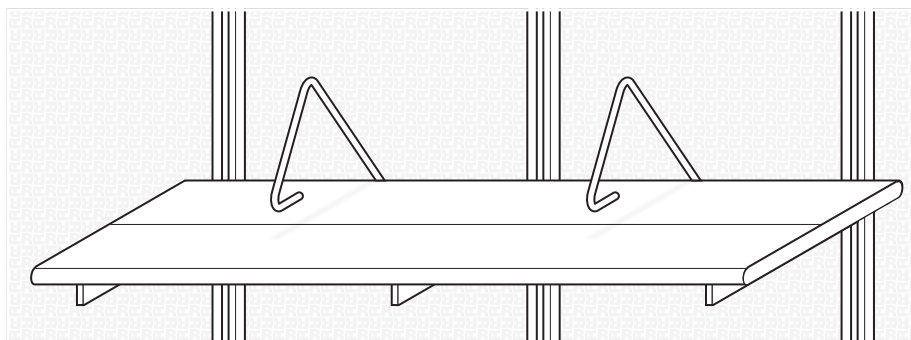
3

Place the Shelves
and Surfaces



4

Install Accessories



1

Install the
Wall Standards

1A Surface Mount 

1B Recessed 

2

Secure the Brackets

BR Brackets 

BR Channel Accessories 

Desk Support 

3

Place the Shelves
and Surfaces

Shelf Installation 

Securing Surfaces 

Continental Shelf 

4

Install Accessories

Shelf Accessories 

Other Accessories 

Parts included for installation of standards:

Standards are sometimes referred to as *wall tracks*, *channels*, *strips*, *mounts*, *rods*, or *rails*.

Surface-mounted standards come in one of the following profiles:



C-Standard



M-Standard



Q-Standard



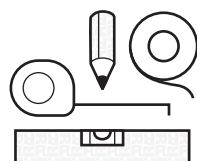
D-Standard

Installation material provided:

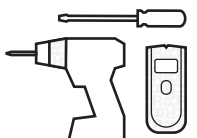


Screws

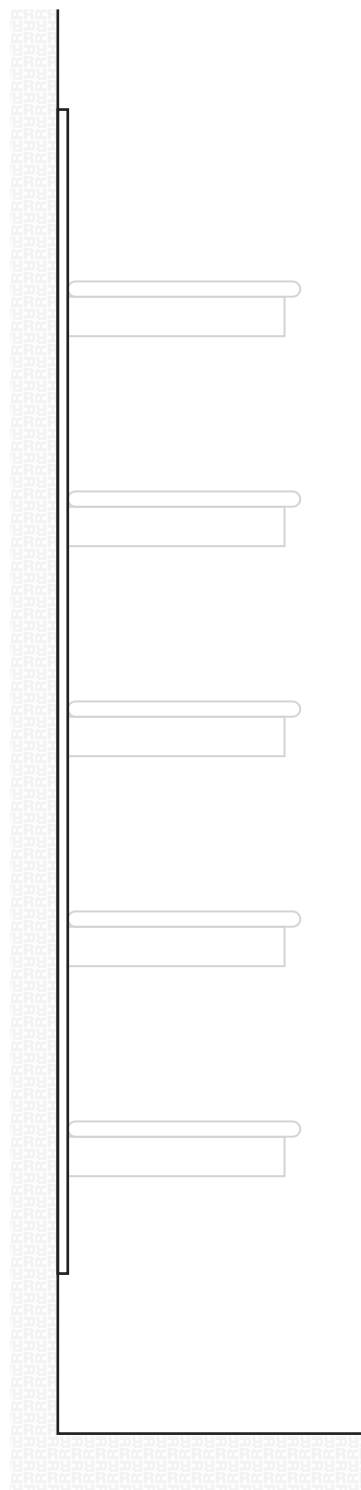
Additionally, you will need:



Measuring tape
Pencil or painter's tape
Level



Stud finder
Drill driver + bit
Philips screwdriver



1

Mark out the location of your new Rakks shelving system in the room.

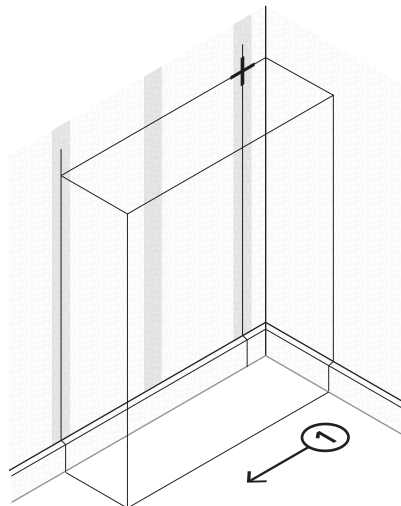
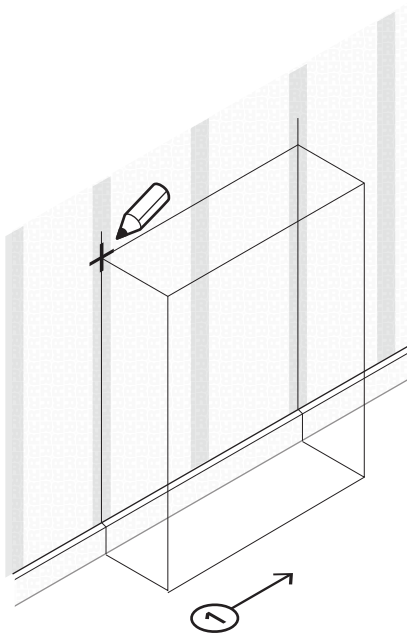
Choose either side of your system to begin installing the standards.

If your system includes a corner, start there.

Take note of any wall fittings, outlets, switches, windows or base boards.

Use a **stud finder** to locate the wall studs or blocking behind the wall. Standard studs are 16" on center, and you can use plastic anchors for up to 50% of the system.

Determine the desired height for the underside of the top shelf. Measure up to this height from the floor and add 6". This measurement will be the top of the first **wall standard**.



2

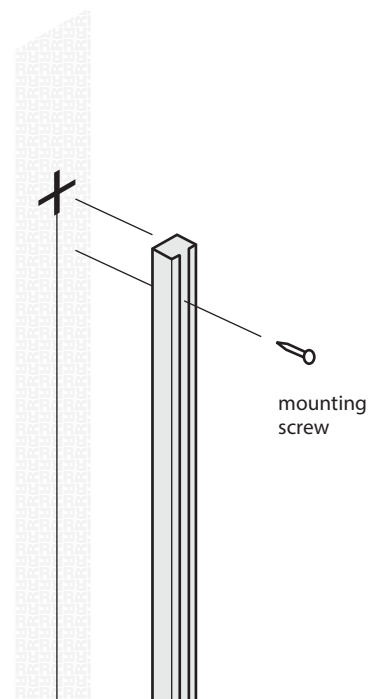
Place the first wall standard.

Attach the first standard to the wall by screwing in only the **top mounting screw**.

This will allow you to swivel the standard to drill anchor holes and to ensure that the standards are plumb.

Next you will mark the top of the remaining standards on studs or blocking.

Remember that the standards should not be more than 32" apart unless you have the Rakks heavy-duty shelves which can support spans of up to 48".



3

Mark out and position the remaining wall standards.

You can use a level or a tape measure to locate the next wall standard.

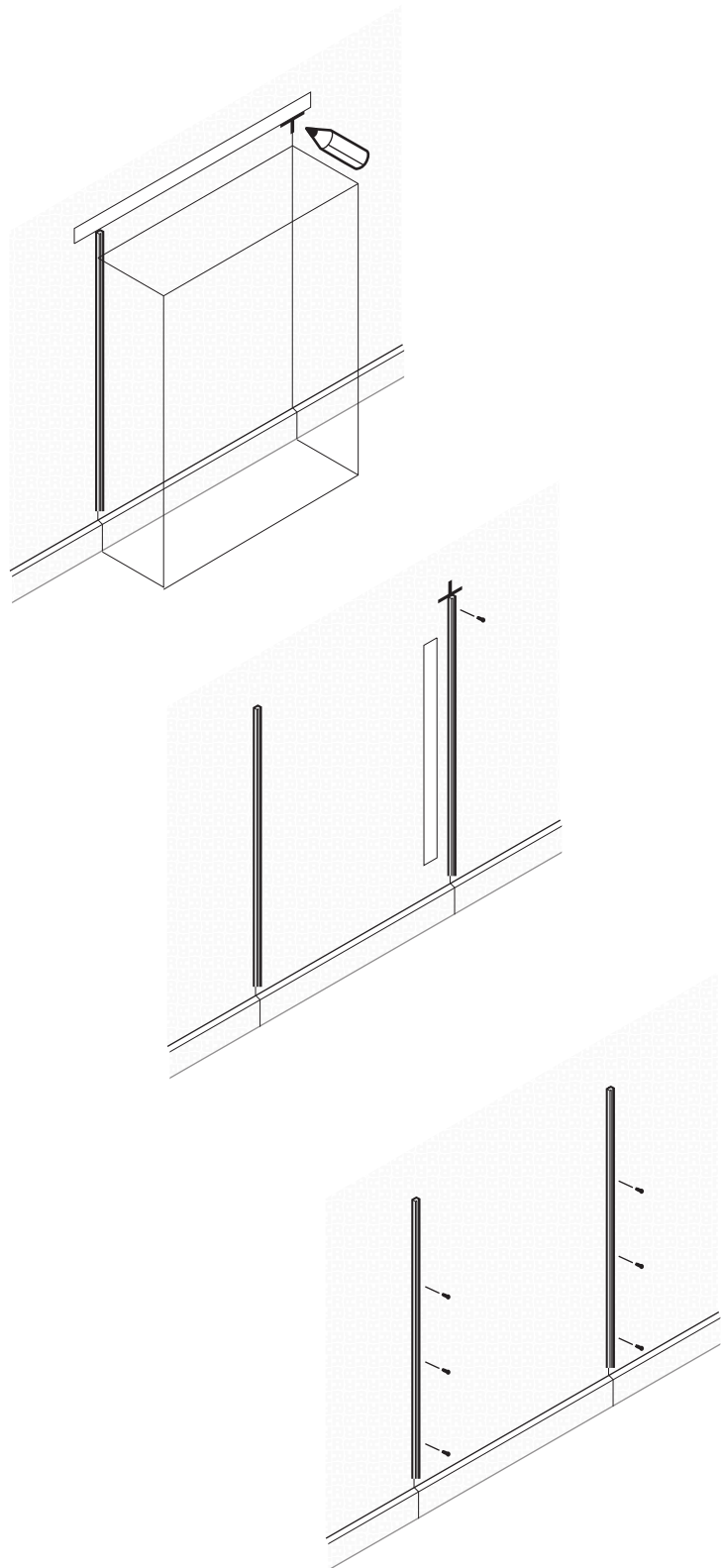
The level (preferred) will keep the standard on the same horizontal plane.

The measurement up from the floor will ensure that all standards are at the same height.

Attach the remaining standards in your system with a top screw.

Use the level to check that each standard is vertical, then put in the remaining screws. Repeat for the remaining wall standards.

If your system includes **floating brackets** or **tray brackets**, it is very important at this point that you place the standards perfectly parallel and at the appropriate distance apart. See **Floating BR brackets installation**.



1

Install the
Wall Standards

1A Surface Mount →

1B Recessed ←

2

Secure the Brackets

BR Brackets →

BR Channel Accessories →

Desk Support →

3

Place the Shelves
and Surfaces

Shelf Installation →

Securing Surfaces →

Continental Shelf →

4

Install Accessories

Shelf Accessories →

Other Accessories →

Parts included for installation of standards:

Standards are sometimes referred to as *wall tracks*, *channels*, *strips*, *mounts*, *rods*, or *rails*.

Recessed standards come in one of the following profiles:



E-Standard



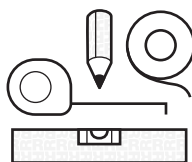
C-Standard

Installation material provided:

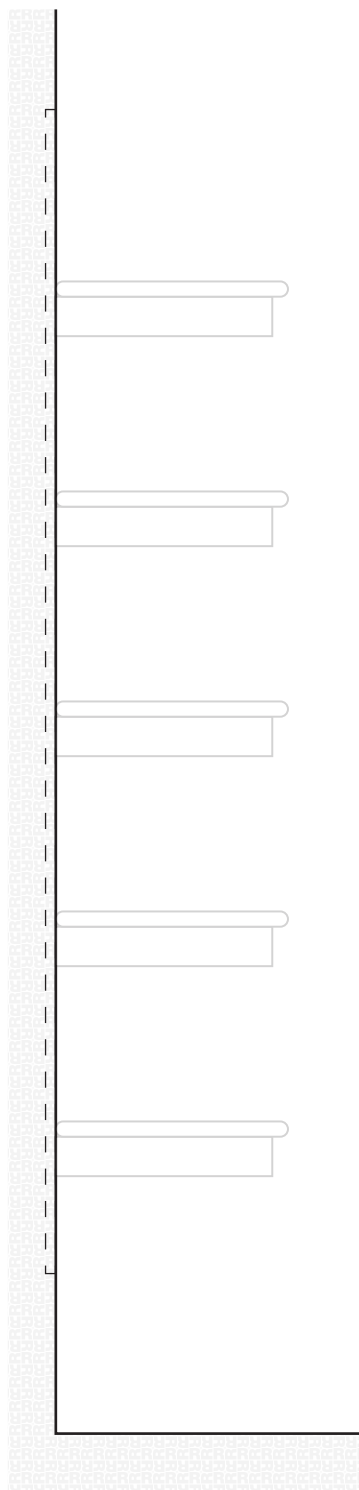


Screws

Additionally, you will need:



3/4" wide wooden strips
as placeholders for
the standards



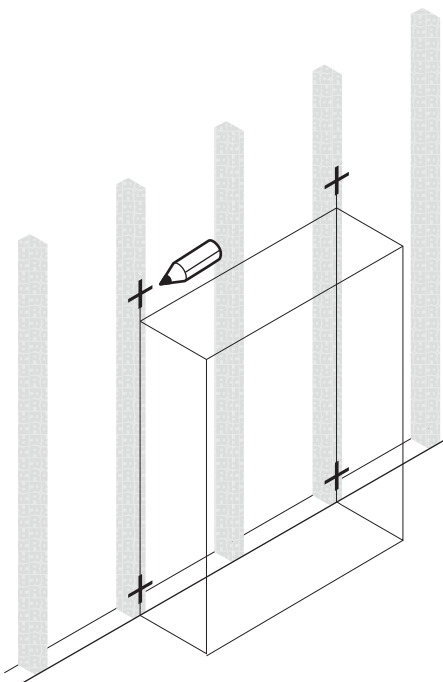
1

Professional installation at the pre-drywall stage.

Recessed standards are designed to work with $\frac{5}{8}$ " drywall, sheetrock or pre-cut panels. If you have any other thicknesses, modifications will be necessary.

Mark out the location of your new Rakks shelving system on the studs or blocking.

If your system includes **floating brackets** or **tray brackets**, it is very important at this point that you place the standards perfectly parallel and at the appropriate distance apart. See **Floating BR brackets installation**.

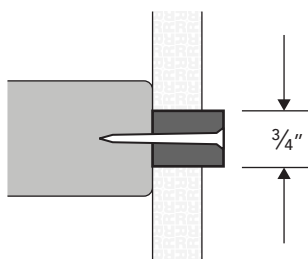
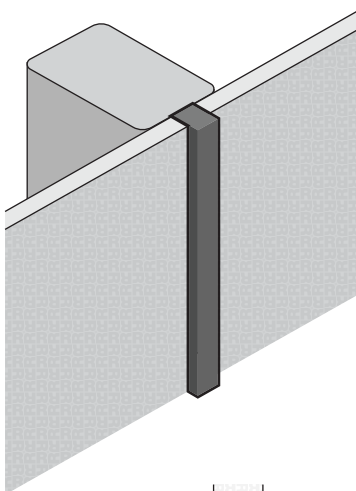


2

Use a strip of wood as placeholder.

Tack a strip of wood, exactly $\frac{3}{4}$ " wide, plumb, on the desired location.

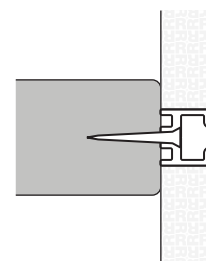
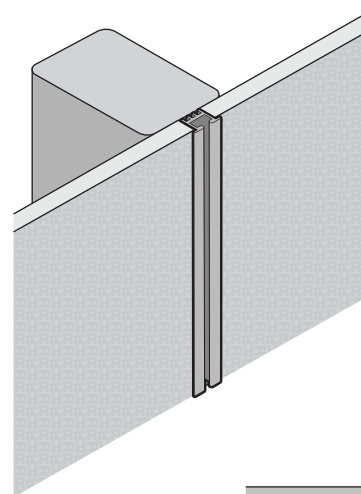
Sheetrock up to the edge of the wood strip, without getting any joint compound in the cracks.



3

Replace with wall standard.

Remove the wood strip and screw the standard in its place using the screws provided.



1

Install the
Wall Standards

1A Surface Mount →

1B Recessed →

2 ←

Secure the Brackets

BR Brackets →

BR Channel Accessories →

Desk Support →

3

Place the Shelves
and Surfaces

Shelf Installation →

Securing Surfaces →

Continental Shelf →

4

Install Accessories

Shelf Accessories →

Other Accessories →

BR brackets:



Rakks Style



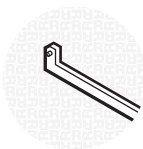
Rakks T-Style



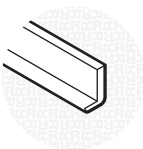
Slanted



T-Style Lab

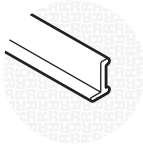


Floating



Tray

Specialty brackets:



L-Bracket
for PC2 Pole or
threaded inserts

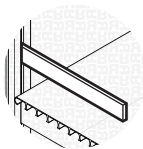


Aria Display

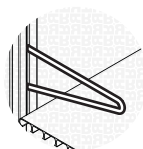


Desk Support

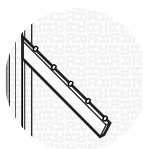
BR channel accessories:



Rakks Style
Bookend



Universal Wire
Bookend



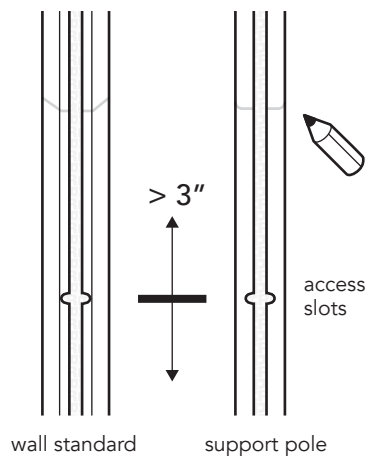
Waterfall

1

First, mark out the shelf locations.

Place marks on one of the **wall standards** or **poles** to indicate where the bottom edge of each shelf will be.

Do not cover **access slots** with brackets. Leave 3" clearance above and below the slots.



2

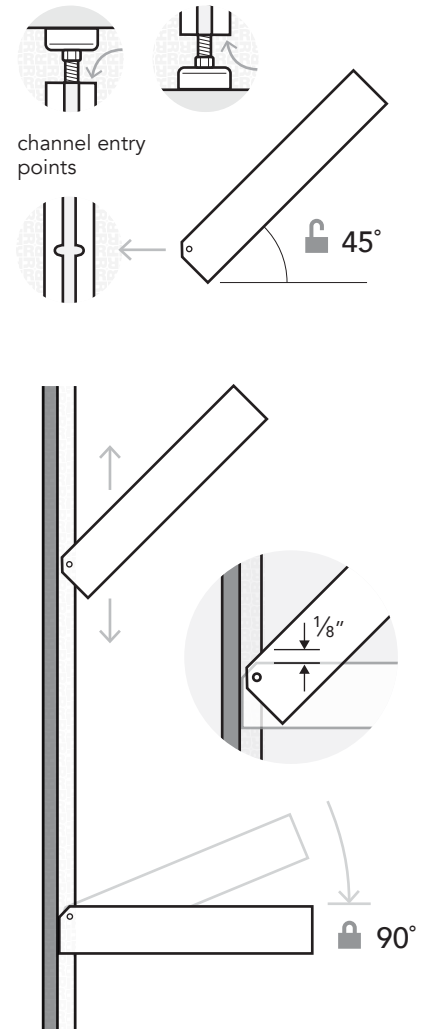
Insert and place bracket.

Use the **channel entry points** at the top or bottom of the pole or standard. If you have requested custom access slots in a tall system, you can use those to insert brackets.

Hold the bracket so it sits $\frac{1}{8}"$ above the marked out location on the pole or standard. It will fall to the mark once it is locked in place. Lock the bracket into position by pulling down firmly.

The bracket will sit at 90° when your shelf is loaded with items.

If you ordered **Rakks bookends** or **tie brackets**, they should be inserted between the brackets in sequence at this time.



3

Align and place the other brackets.

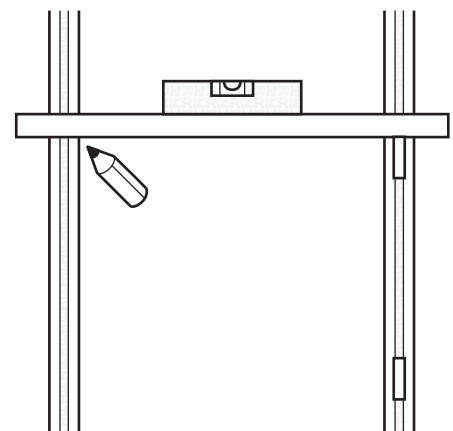
Using a level, rest one end on the installed bracket and the other end against the adjacent installed pole or standard.

If your level is not able to reach the adjacent pole or standard, you can use a shelf and rest your level on top.

Mark your adjacent bracket location and install the bracket.

Repeat for the remaining brackets.

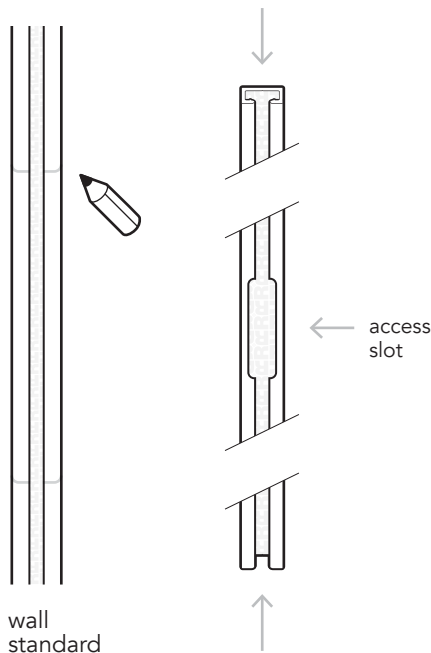
See instructions for securing surfaces to the brackets. Depending on your order, you may have retaining pins, mounting surfaces, glass shelf rests or hold-down clips.



1

Mark bracket locations on one wall standard.

Mark the desired location of the bottom edge of each shelf.



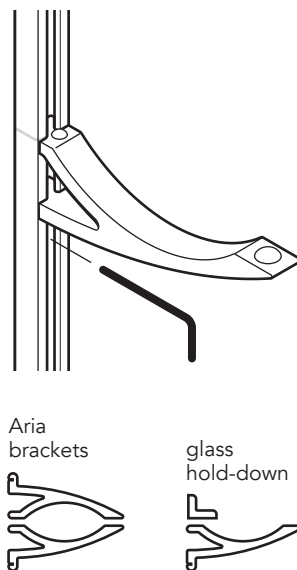
wall standard

2

Place the first set of brackets.

Slide the **Aria bracket** pieces into the top or bottom channel, or into an **Aria access slot**.

Slide the bottom Aria bracket to the mark and tighten the set screw. Let the top Aria bracket or **glass hold-down** rest on the bottom bracket without securing it.



Aria brackets

glass hold-down

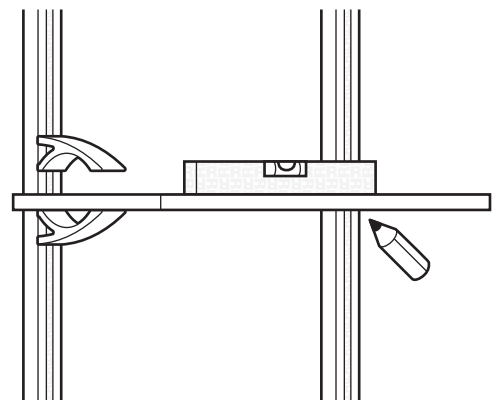
3

Place and install the remaining brackets.

Rest one end of the level on the secured bottom Aria bracket. Make a corresponding level mark on the next standard over.

Slide the pieces into the standard in sequence. Position the bottom Aria bracket up to the mark and tighten the set screw. Let the top Aria bracket or hold down rest upon it.

Repeat this step on the remaining Aria brackets in your wall mounted system.



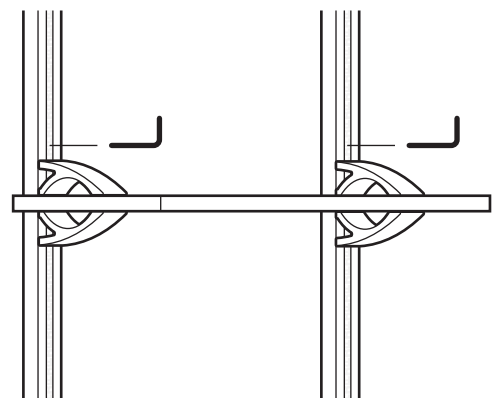
4

Align and place the other brackets.

To install the shelves, slide the top Aria bracket or glass hold-down up and out of the way, so you can place the shelf between the top and bottom pieces. It is advisable to have a helper for this step.

Lay the shelf flat on the bottom Aria brackets. Lower the top Aria bracket or glass hold-down and press firmly while you tighten the set screws.

Repeat this step for the other Aria brackets. Make sure that all set screws are secure and that the shelf is clamped firmly in place.



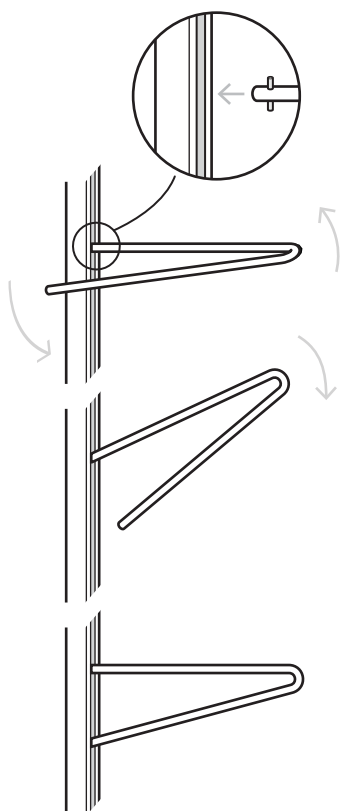
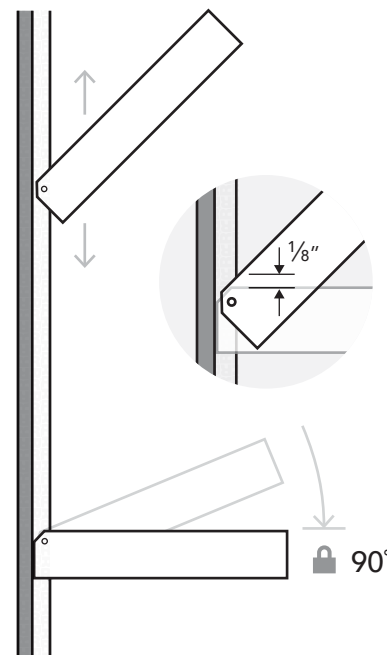
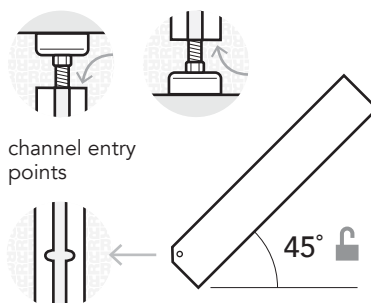
Rakks Style Bookend and Waterfall Bracket

Rakks Style **bookends** and **waterfall brackets** are all installed in the same way. If installed with **BR brackets** or **tie brackets**, the accessories should be inserted between the brackets in sequence.

Use the **channel entry points** at the top or bottom of the pole or standard. If you have requested custom access slots in a tall system, you can use those to insert the accessories.

Do not cover access slots with accessories. Leave 3" clearance above or below the slots.

Hold the accessory so it sits $\frac{1}{8}$ " above the marked out location on the pole or standard. It will fall to the mark once it is locked in place. Lock the accessory into position by pulling down firmly.



Universal Wire Bookend

Insert the **wire bookend** into any Rakks **standard** or **pole**, making sure that the anchor pin is vertical.

Carefully twist the bracket 90° while lifting it into the position shown.

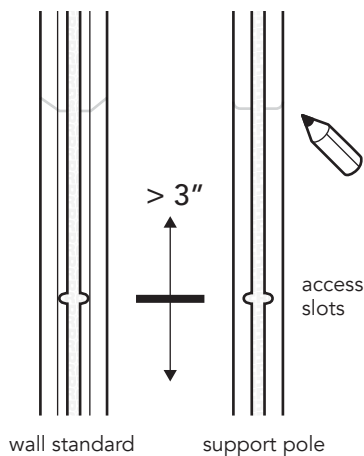
While the bracket is still oriented upward at 45°, slide it to the desired height and then pull it down so that it locks into position with the bottom end fitting into the channel.

1

First, mark out the desk bracket location.

Place marks on one of the **wall standards** or **poles** to indicate where the bottom edge of the desk or work surface will be.

Do not cover **access slots** with brackets. Leave 3" clearance above and below the slots.



2

Insert and place desk bracket.

Note the two untightened screws. Remove **screw A**.

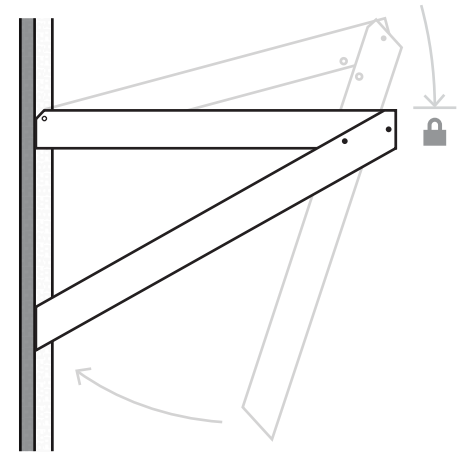
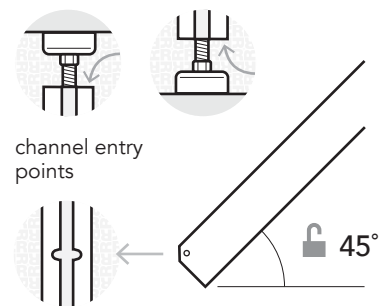
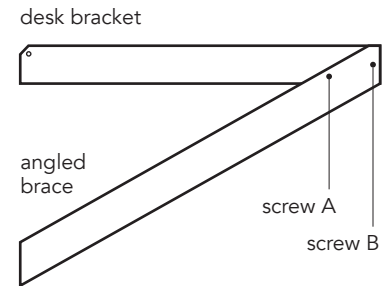
The **angled brace**, attached to the bracket with **screw B**, will hang down vertically.

Hold the desk bracket at a 45° angle and slide it into a **channel entry point** on the pole or standard.

Hold the desk bracket so it sits 1/8" above the marked out location on the pole or standard. It will fall to the mark once it is locked in place. Lock the accessory into position by pulling down firmly.

Swing the angled brace so that it sits flat against the back wall of the channel. The holes for screw A will now be lined up.

Hold the brace in place and insert screw A through the holes. Tighten with the Allen key until snug, then tighten screw B. Do not overtighten.



3

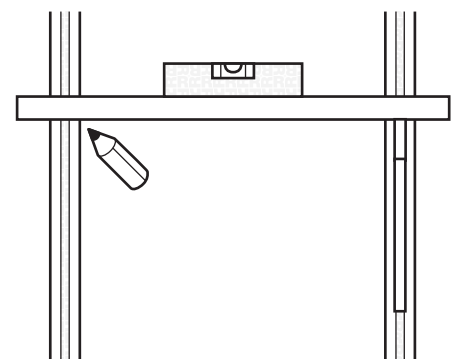
Align and place the other desk bracket(s).

Use a level to ensure that the surface is horizontal. Rest one end on the installed desk bracket and the other end against the adjacent installed pole or standard.

Mark the location along the underside of the level.

Install the desk bracket. Repeat the process for any remaining desk brackets.

See instructions for securing surfaces to the brackets. Depending on your order, you may have mounting surfaces, retaining pins or double-sided foam tape.



1

Install the
Wall Standards

1A Surface Mount →

1B Recessed →

2

Secure the Brackets

BR Brackets →

BR Channel Accessories →

Desk Support →

3 ←

Place the Shelves
and Surfaces

Shelf Installation →

Securing Surfaces →

Continental Shelf →

4

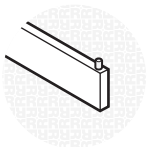
Install Accessories

Shelf Accessories →

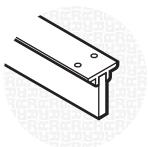
Other Accessories →



Shelf
Installation



Securing Surfaces
with Retaining
Pins



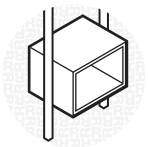
Securing with
Mounting Surfaces

Compatible with
wall-mounted shelving:



Continental
Shelf

Compatible with
BR and BL pole shelving:



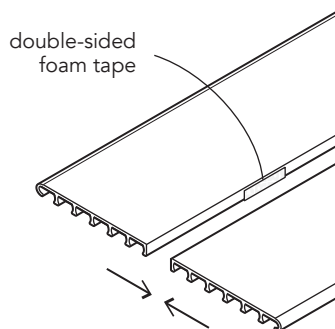
Cabinetry

Rakks shelving systems accommodate several types of shelf with these slight differences in installation:

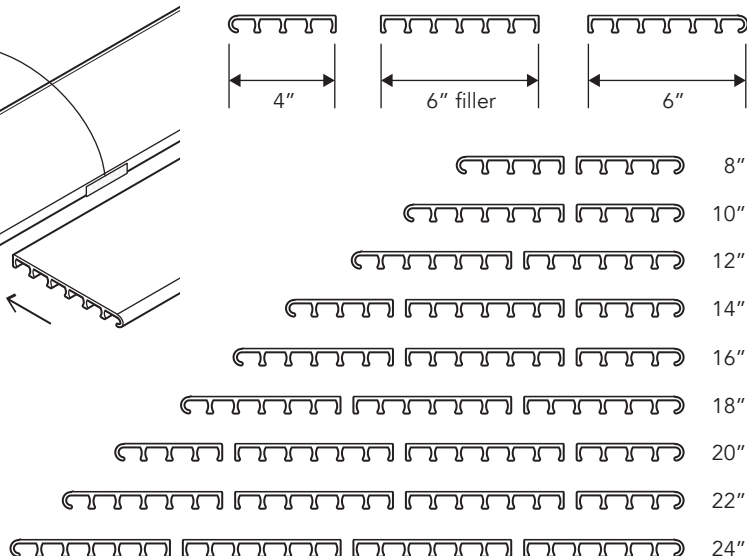
Rakks aluminum shelving comes in multiple pieces to make up the shelf depth. Apply the provided **double-sided foam tape** as shown to prevent side-to-side movement.

Wood shelving is secured by **retaining pins** or screwed into **mounting surfaces**.

If you have glass shelving, your order will include **clear plastic shelf rests** for the tops of the brackets.



Rakks aluminum shelves

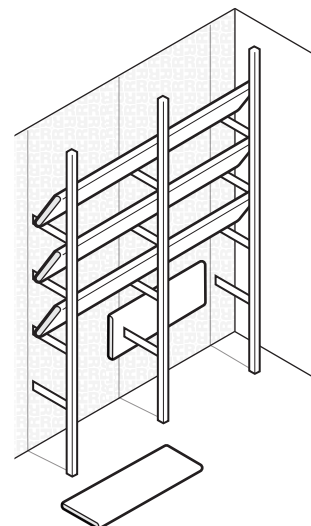
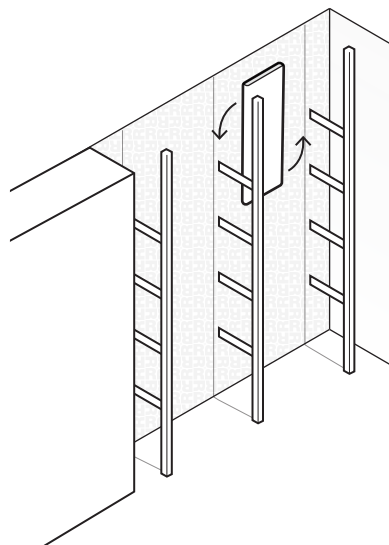
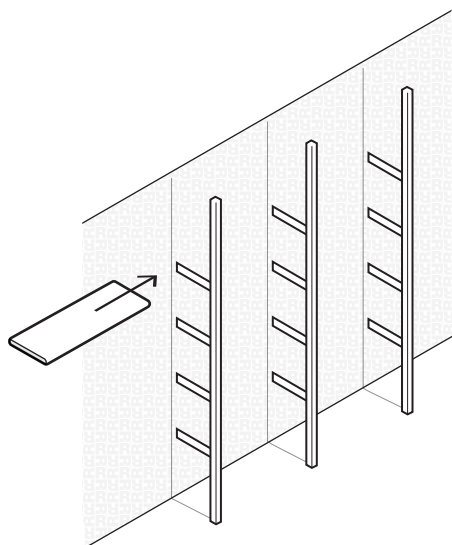


Install shelves one at a time.

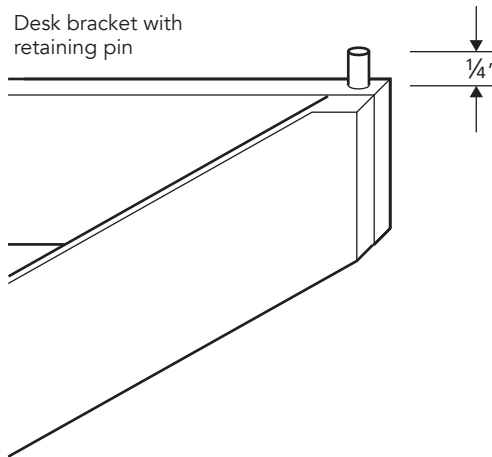
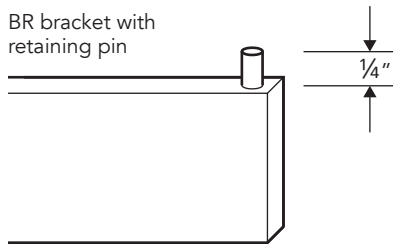
If you have access on any open side of your system, slide your shelves horizontally into position. Start with the top shelf and continue down.

If you have the following accessories, install them now in the desired place before installing the next row of shelves: **hold-down clips**, **sliding wire bookends**, **shelf splines**.

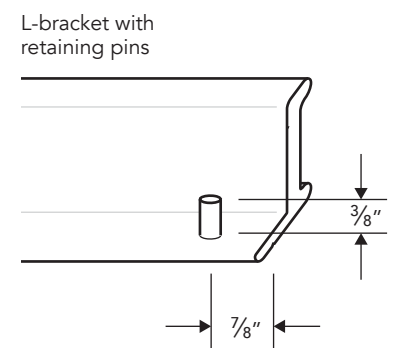
Tip: If no side access is available, try holding the shelf vertically against the wall and between two poles. Rakks brackets allow $\frac{3}{4}$ " so that you can rotate the shelf behind the brackets in a tight area. Don't lower the shelves until all are in place and resting upright on their respective brackets.



If ordered with Rakks **BR brackets** or **desk brackets**, the retaining pin should be located at the front end of the bracket. The pin protrudes $\frac{1}{4}$ " above the bracket.



If ordered with **L-brackets**, the retaining pins are on both ends, protruding $\frac{3}{8}$ " above the bracket.



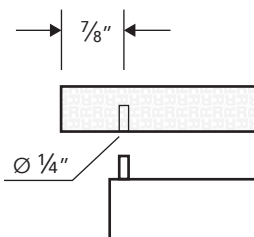
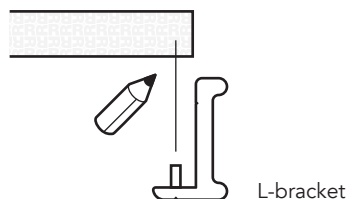
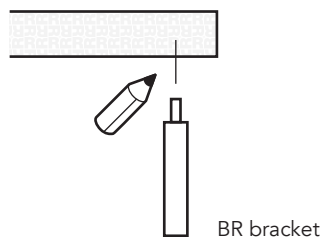
With wood or melamine shelving

To be certain that the hole location is correct, we recommend that you have your shelving system in place before drilling the holes.

If you have retaining pins on your brackets and you are installing wood or melamine shelves, you will need to drill $\frac{1}{4}$ "-diameter holes, $\frac{3}{8}$ " deep, in the underside of your shelf.

To mark the hole location, place the shelf in position on top of the retaining pins and circle the location of each pin.

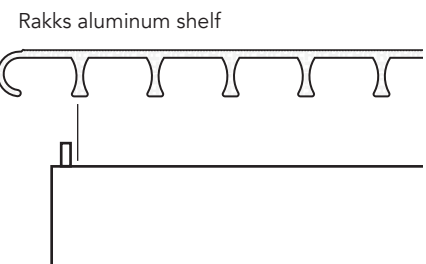
For typical shelf depths (8", 10", 12", 14") the holes will be $\frac{7}{8}$ " on center from the front edge of the shelf. For other depths, contact your Rakks representative.



With Rakks aluminum shelves

Retaining pins prevent Rakks shelves from sliding front to back.

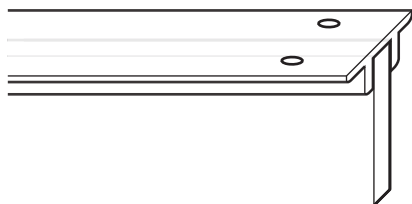
Place the shelf so that the first rib is behind the pin.



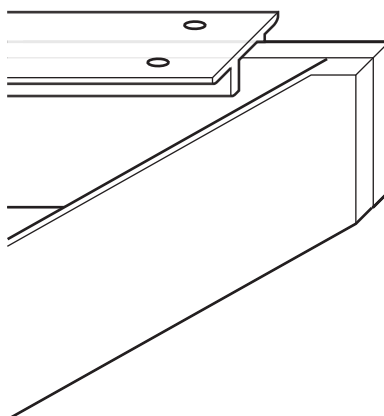
If ordered with Q-standards, when you place the shelf, the first rib is in front of the pin.

If your bracket has a mounting surface attached to the top side, it will have 4 mounting holes.

T-style bracket with mounting surface

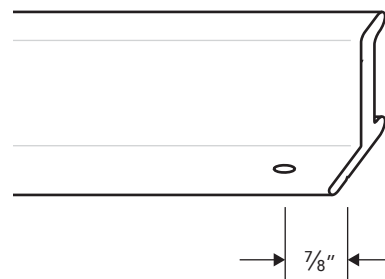


Desk bracket with mounting surface



If ordered with **L-brackets**, the mounting holes will be on both ends.

L-bracket with mounting holes



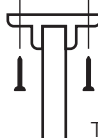
With wood or melamine shelving

Place the work surface on the brackets and mark the hole locations.

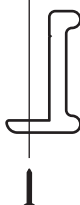
Pre-drill pilot holes that are at least $\frac{1}{4}$ " shorter than the depth of the work surface.

Screw in wood screws (not provided).

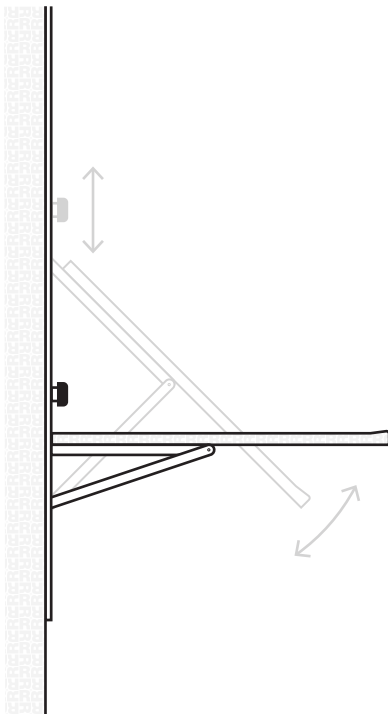
Tip: You can also use double-sided foam tape to secure the surface to the bracket.



T-style bracket



L-bracket



Note: The installation of the continental shelf requires extra precision. Your wall standards should be already installed 32" apart, perfectly parallel and vertical. (For instructions, refer to the wall standard installation page.)

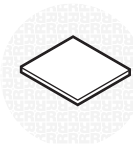
The linkages are like an adjustable arm that both supports the desk and allows you to alter the angle and height easily.

You can adjust the angle from 45° to a flat surface for use as a laptop desk.

You can also adjust the height to use as a sitting or standing desk. To save space, you can stow the desk in the vertical position.



2 × Linkages



Work Surface (Desk)



2 × Knobs



6 × Mounting Screws

1

Install the linkages.

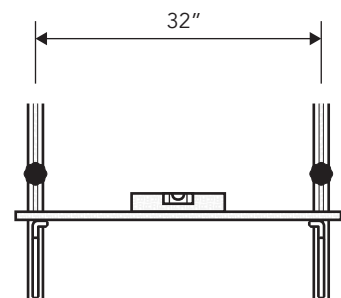
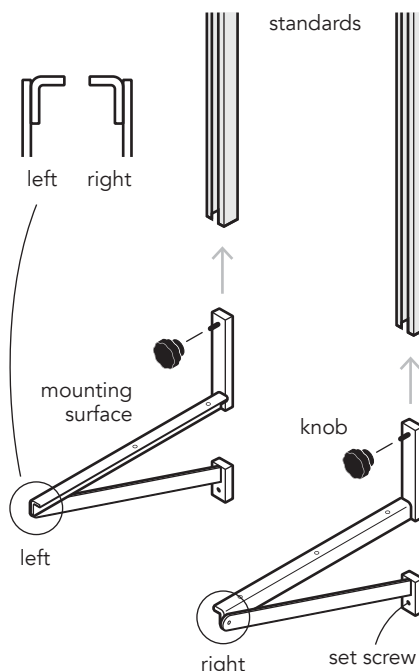
See the diagram to identify the **left** and **right** linkages.

Insert the top part of the linkage into its respective **standard** and slide it up.

Insert the smaller bottom part at least 1" into the standard and tighten the **set screw**.

Now screw in and tighten the **knobs** just enough that you can still slide them up and down easily.

Install the second linkage into the other standard. Check that the set screws are level and tighten the set screw.



Hold both knobs and slide down to the horizontal position.

Check with a level that the **mounting surfaces** are perfectly horizontal across the 32" span. If you don't have a long level, place the desk on the mounting surfaces and the level on the desk.

Check also that the arm is level, perpendicular to the wall and parallel with the floor. Make any adjustments to the set screws.

Rakks

Continental Shelf

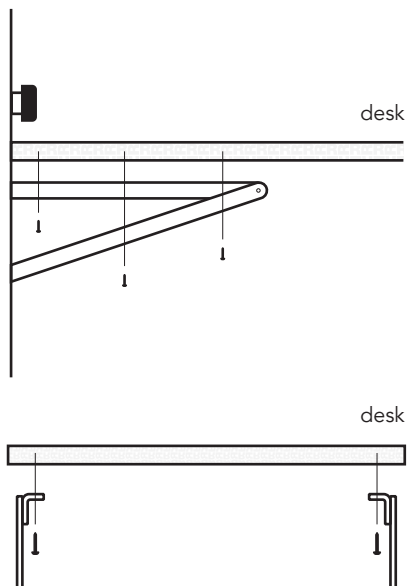
2

Attach the work surface.

The mounting surface of each linkage has three holes. Center the **desk** on the mounting surfaces, snug against the wall standards, and mark the holes underneath.

The desk is $\frac{3}{4}$ " thick, so pre-drill pilot holes no deeper than $\frac{1}{2}$ " using a $\frac{3}{32}$ " drill bit.

Fasten the work surface to the linkages with the 6 mounting screws provided. Use a hand screwdriver.

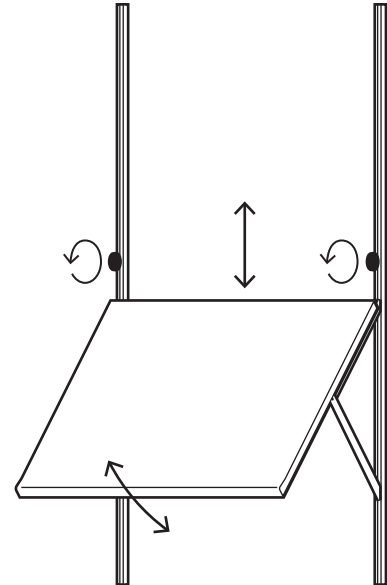


3

Adjust the work surface to the desired angle or height.

To change the angle:

Stand in front of the continental shelf and loosen the knobs. Grasp the **front and back** edges in the center of the desk. Slowly incline or decline to the desired height, then tighten the knobs.



To change the height of the shelf:

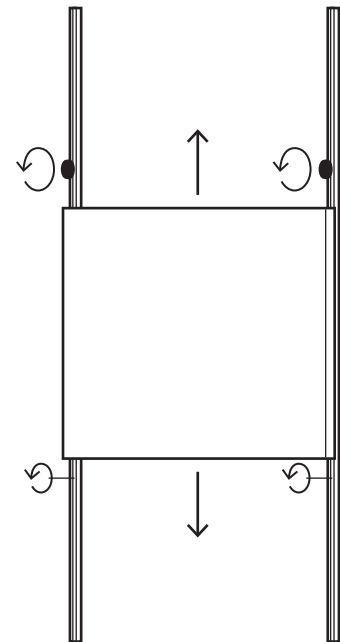
Be careful to follow the recommended order because if you loosen the knobs and set screws at the same time, the linkages will slide down out of the standard.

Loosen the knobs and slide them upwards until the work surface is vertical, then re-tighten the knobs. (This is the stowing position and the easiest position to use for height adjustments.)

Now you can loosen the set screws in the bottom parts of the linkage.

To adjust the height, support the desk in the lower center with one hand, while you loosen the knobs with the other hand, then raise or lower the supported desk to the desired height.

Now tighten the knobs and then the set screws.



Tip: If the linkages do not slide up and down easily, or if the desk will not become perfectly vertical or horizontal, check to that your standards are level and parallel to each other. To make any corrections, follow the steps above.

1

Install the
Wall Standards

1A Surface Mount →

1B Recessed →

2

Secure the Brackets

BR Brackets →

BR Channel Accessories →

Desk Support →

3

Place the Shelves
and Surfaces

Shelf Installation →

Securing Surfaces →

Continental Shelf →

4 ←

Install Accessories

Shelf Accessories →

Other Accessories →

Shelf accessories:



Sliding Wire
Bookend



Label Holder



Shelf
Bridge Clip



Hold-down Clip



Shelf Spline

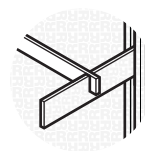


Shelf End

Other accessories:



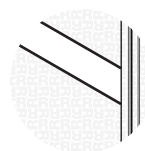
Shelf Lip



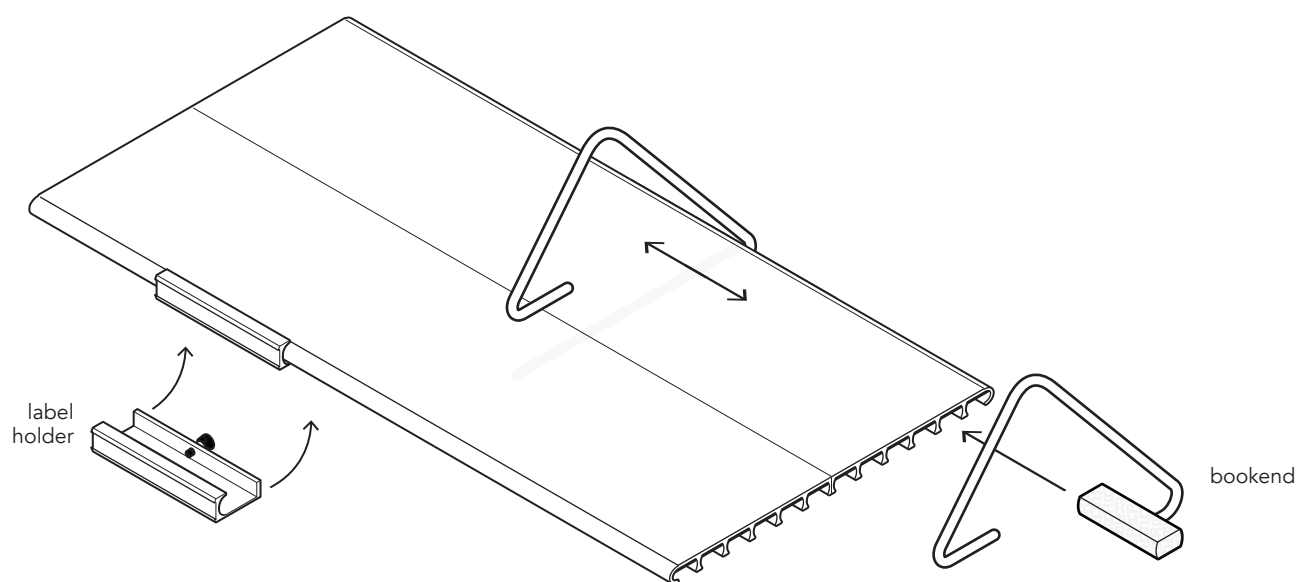
Shelf Stiffener



BR hangbar
with notched
bracket



J-hangbar
with bolt-on
bracket



Label Holder

Clip the **label holder** on the front of the shelf, slide to the desired position, then tighten the thumb screw.

Sliding Wire Bookend

Insert the **bookend** into the second rear channel.

Determine where you would like your bookend to be situated on the shelf.

Tighten the thumb screw to secure the bookend to the shelf.

Hold-down Clip

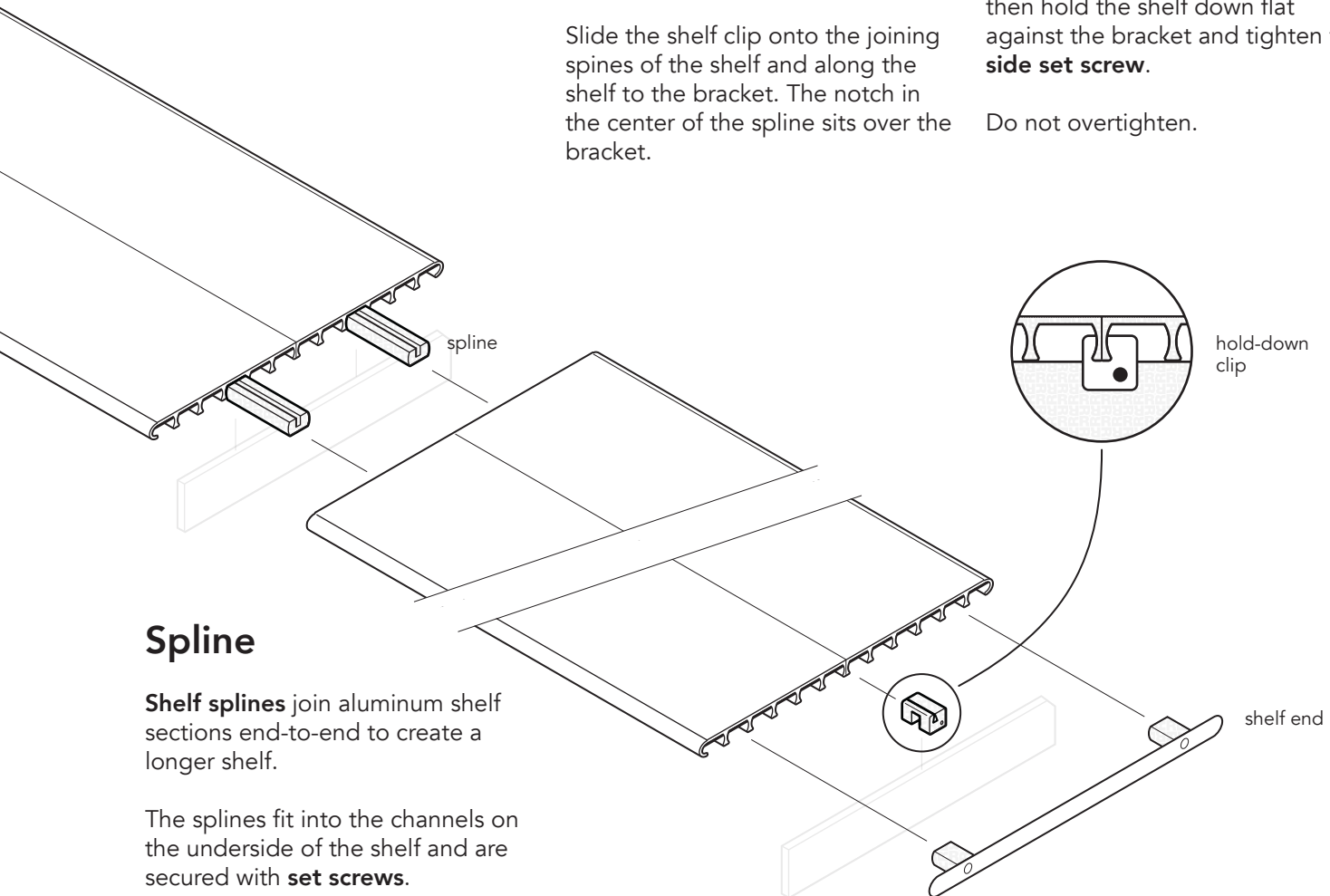
Shelf hold-down clips are used to secure aluminum shelves to a BR bracket, eliminating the need for retaining pins.

Slide the shelf clip onto the joining spines of the shelf and along the shelf to the bracket. The notch in the center of the spline sits over the bracket.

Make sure the shelves are properly positioned and aligned.

Tighten the **bottom set screw** first, then hold the shelf down flat against the bracket and tighten the **side set screw**.

Do not overtighten.



Spline

Shelf splines join aluminum shelf sections end-to-end to create a longer shelf.

The splines fit into the channels on the underside of the shelf and are secured with **set screws**.

Shelves must always join at a bracket.

Do not overtighten.

Shelf End

Align **shelf end inserts** into their respective shelf channels.

Make sure that the **shelf end** is flush with the edge of the shelf. Tighten the **bottom set screws**.

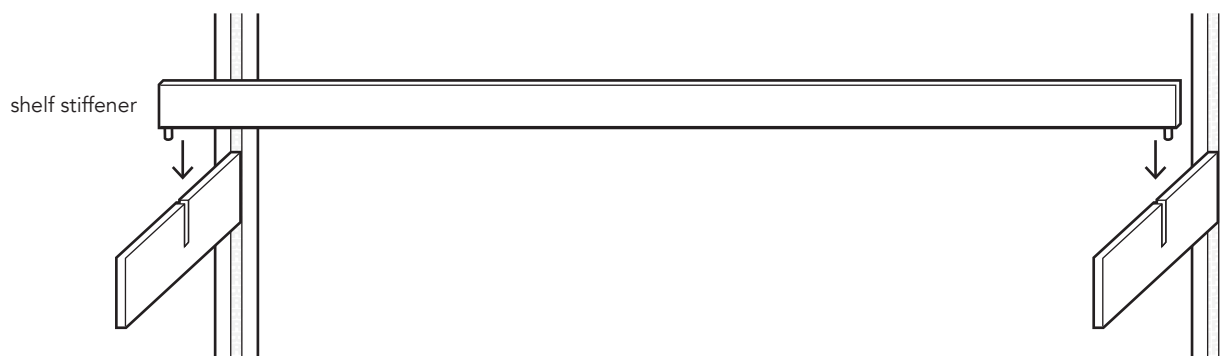
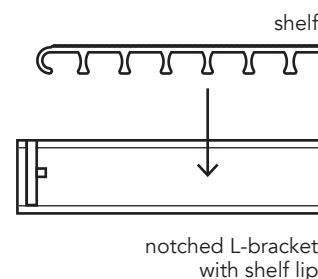
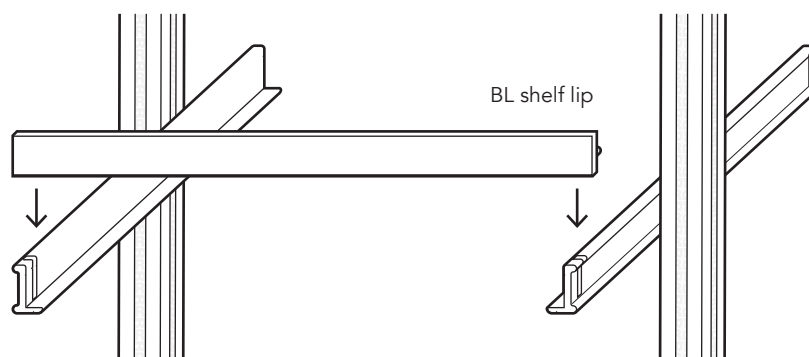
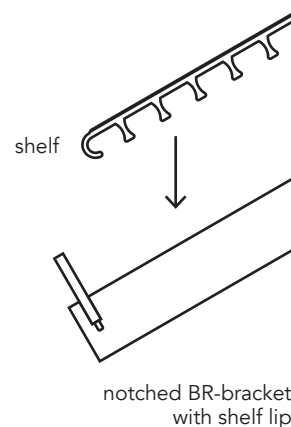
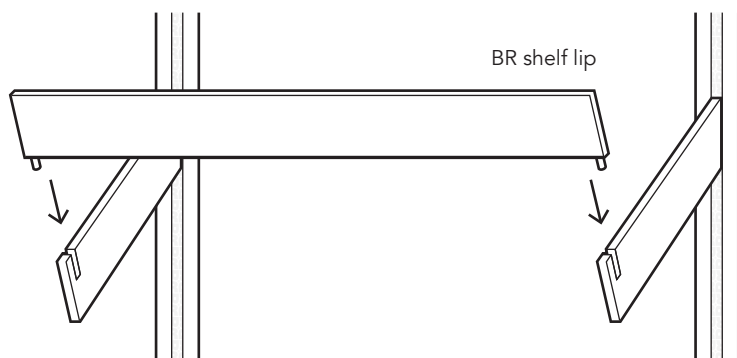
Do not overtighten.

Shelf Lip or Shelf Stiffener

Locate the desired height for your shelf and install the **notched brackets** on a level plane across the standards or poles. (For detailed bracket installation see BR bracket or L-bracket installation guide.)

Place the **shelf lip** or **shelf stiffener** over the notched brackets and install into the notches.

If the shelf lip has pins they should sit on the outer sides of the end brackets.

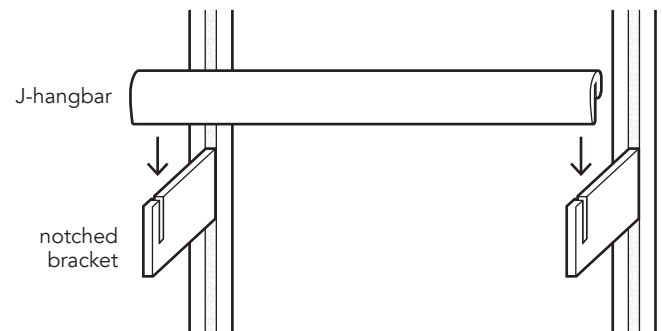
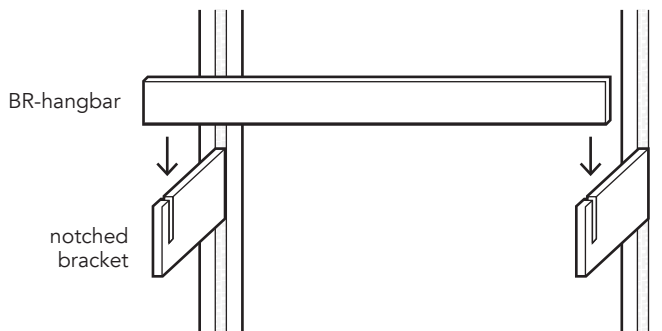


Hangbar on Notched Bracket

Locate the desired height for your **BR-hangbar** or **J-hangbar** and install the **notched brackets** provided on a level plane across the

standards or poles. (For detailed bracket installation see BR bracket installation guide.)

Place the hangbar over the notched brackets and install it into the notches. The pins on either end will sit against the outside of the bracket and prevent the hangbar from moving left to right.

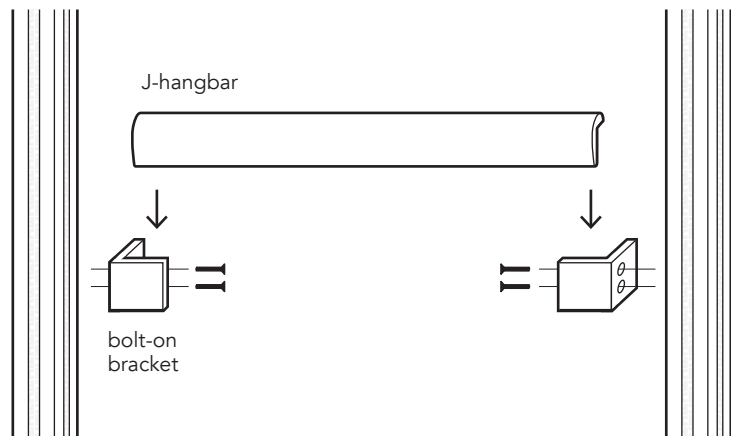


J-hangbar with Bolt-on Brackets

Locate the desired height for your **J-hangbar** on the threaded side of the pole. Install one **bolt-on bracket** with the screws provided at the marked-out location.

On the adjacent pole, use a level and mark the bracket location.

Install the second bracket and place the J-hangbar onto the bolt-on brackets.



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Shelf Accessories →

Other Accessories →