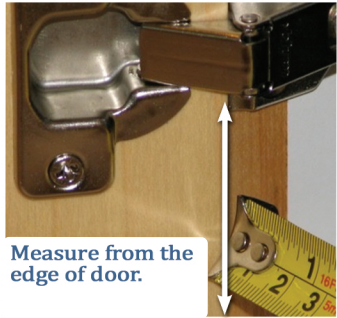


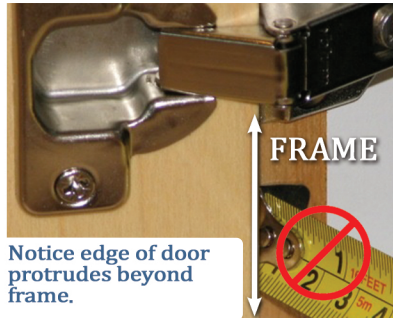
# MEASURING WIDTH

First open your cabinet to the position whereby the opening is at it narrowest. With some hinge styles, the vertical sides of the doors (at the hinged side) will actually protrude into the opening making the overall width of the opening slightly narrower.

**Note: You are submitting the measurements of your cabinets most narrow width and non obstructed depth. Not those of the resulting shelf.**



Measure from the edge of door.



Notice edge of door protrudes beyond frame.



Open the cabinet door so that you measure at the narrowest point, taking in consideration hinges if necessary. (See below)

You may have to open the door more the 90 degrees.

See the Helpful Tips Guide for what to do when the door won't open at least 90 degrees due to the door knob or door striking an adjacent cabinet or appliance.

It is important to measure each location separately for each slide-out you purchase.

## Hinge Height

Take note of where the door hinge hardware is located. You may be able to ignore the hinge(s) altogether when measuring the clear width of the opening. For hinge styles mounted on the outside front of the cabinet that are visible when the door is closed, you can skip the below step and simply measure the clear opening with the doors open per the above instruction.

If your cabinet has concealed European-style hinges, not visible when the cabinet door is closed, you will first need to measure from the cabinet floor/frame or existing shelf surface, up to the bottom of the hinge elbow which likely protrudes into the opening past the door edge. If this measurement is greater than 4 inches, regardless of how far the hinge elbow protrudes into the opening, you can ignore the hinge when measuring the clear cabinet opening.



If this measurement is between 2 ½ and 4 inches, measure how far the hinge elbow protrudes into the opening past the edge of the door when open. If the hinge elbow does not protrude into the opening more than ½ inch, you can measure from the edge of the door to maximize the width of the slide-out shelf. If it does, measure from the hinge elbow at the furthest point it protrudes into the opening.



Per the above instructions, if your hinge height is less than 2 1/2 inches you will start with the end of your tape measure touching the part of the hinge that protrudes the furthest into the opening. Pull the tape measure across the opening to the other side, noting the exact measurement at the narrowest point. Round down to the nearest 1/2 inch if your measurement is not already at a 1/2 inch increment. In the case of double doors, this measurement would be hinge-to-hinge or edge/corner of door on one side to the edge/corner of door on the other side. For a single door cabinet it will be either from the hinge to the edge of the frame or the interior side wall if a frame-less cabinet. (See Exception below) After rounding to the nearest 1/2 inch (if necessary) DO NOT subtract any further. Again, if your cabinets use the "traditional" style surface mounted hinges that are visible when the door(s) is(are) closed, your measurement will likely be from door frame to door frame.



Measure to the narrowest point.



**IMPORTANT NOTES: OUR SLIDE-OUTS ARE DESIGNED TO ATTACH TO THE BASE/FLOOR OF YOUR CABINETS AND/OR TO THE EXISTING FULL SHELF YOU CURRENTLY STORE ITEMS ON. WE WILL MANUFACTURE YOUR SLIDE-OUTS WITH 1/4 INCH CLEARANCE ON EACH SIDE TO ACCOMMODATE THE HARDWARE.**

**EXCEPTION:** For frame-less (Euro-style box) cabinets that have only a single door, hinged on the left or right, and ONLY in this case, you will need to subtract 1/4" from the "clear" width measurement you take before submitting your dimensions/order.

**IMPORTANT TIP:** We manufacture the width of slide-outs to the opening of your cabinets in 1/2 inch increments so please round down to the nearest 1/2 inch. Example: 23 5/16" becomes 23" or 16 3/4" becomes 16 1/2"

# MEASURING DEPTH

For the depth measurement you will want to “clear a path” from the front to back of the cabinet for your tape measure.

We recommend measuring both the right and the left side of the cabinet and using the smaller dimension. It is usually not necessary to empty your cabinets.

Once you have measured both sides, use the smaller dimensions when placing your order.

Measure on the left side



Measure on the right side



**DO NOT MEASURE TO THE OUTSIDE EDGE!**

Measure from the back wall or “front” of any obstacle in the back of your cabinet that will limit the depth of the slide-out...to the back of the face frame (at the front of the cabinet) OR the front edge of the shelf (which should be right behind the door when closed). Round down to the nearest 1/2 inch (ie: 16 1/2, 17 1/2, etc. ) and record this measurement.

NOTE: If necessary you can ‘overhang’ a slide-out one inch from the front edge of an existing shelf if it is set back from the front of the cabinet. Cabinet makers do this to sometimes accommodate door racks and other door accessory products.

The minimum depth we manufacture is 16 1/2 inches and the maximum is 23 1/2 inches.

The glide rail systems come in two inch increments and we will adjust the overall depth to one inch on the 1/2 inch increments so your slide-out will clear the door and not strike the back wall of your cabinet when pushed in.

IMPORTANT TIP: Be certain to measure each and every location you plan to install a slide-out in. DO NOT assume the depths are the same. Be aware that often times there is a vertical or horizontal wood brace or valve, pipe or electrical conduit box that is secured to the back wall and must be the point you measure from for a proper fitting shelf.

## IN SUMMARY

If you have ever spent any time with an accomplished carpenter you would have heard this old adage: “measure twice...cut once!” We will be doing the “cutting” for you so be sure to double check your measurements before ordering.

***Do not subtract (unless advised to in the “Exceptions” box found on the Measuring Width Guide). Subtracting from the most narrow width opening will result in a shelf that is more narrow than it needs to be for that specific opening.***

Remember, even if your cabinets do not look quite like the ones in these photos the measuring steps and principles are the same. We only need two 2 measurements, the clear width of the opening at the narrowest point where the slide-out will be installed and the unobstructed interior depth.



Thank you for reviewing this guide.

You are responsible for providing the correct measurements for your made-to-fit organizers.

If you make an error please contact Customer Service for assistance at (800) 575-4335 or by emailing us at [customerservice@slideashelf.com](mailto:customerservice@slideashelf.com).

# HELPFUL TIPS

**Warping:** The existing shelf and cabinet base could be warped or the base of the cabinet could be recessed down below the front frame. In either case you may need to do some 'shimming' with thin paneling material during the installation of your shelves.

**Obstacles Inside A Cabinet:** On occasion an obstacle (conduit, electrical box, valve, brace etc.) inside the cabinet may force you to record a dimension smaller than the actual opening or depth. If this obstacle is in the back corner, you will have to decide whether to adjust the width or the depth measurement. For obstacles that hang down from above or protrude off the back wall (i.e. pipes, valves, etc.) you can use a coping or jig saw and easily trim away part of the back of the slide-out to allow the obstacle to clear. (See photo)

If an obstacle inside your cabinet will force you to reduce the width of the slide-out you install, you can simply use the same right angle square and measuring method used in the example below. Just move the contents out of the way and place the right angle against the front of the cabinet with the other 'leg' of the angle protruding into the cabinet. Slide it over to the obstacle and take your widest width measurement at that point. (See Photo 'D' below.)



**Door Problems:** When measuring the width, you need to consider first if the door opens all the way. Check this, as it should open at least 90 degrees to the opening. If the door knob itself or another door, or an appliance prevents the door from opening all the way you will want to adjust the width measurement taken and then when installing the slide-out justify it to the opposite side of the opening. This way, when extended, the slide-out will not hit the partially closed door.

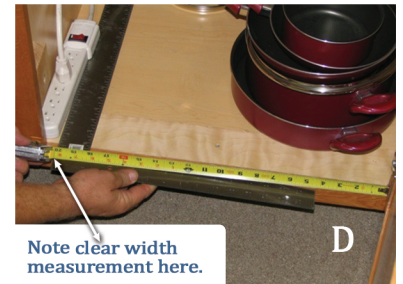
The easiest way to measure and make this adjustment is to use a large right angle square, placing it against the front of the cabinet extending out and sliding it to the door. (See photos 'A,B,C,' below) Take the width measurement at the point that the right angle hits the door.



A carpenter square works well.



Note clear width measurement here.



Note clear width measurement here.

**Hinges:** Hidden or concealed hinges, which are also commonly called European style hinges, often times confuse people when they are measuring. Notwithstanding the above instruction, if you have this style hinge and you want the width of your slide-out for both levels in a traditional "under the countertop" base cabinet to be the same, you can take one additional measurement to determine if you can ignore the protruding hinge 'elbow' as far down as 2 1/2 inches off the floor or existing shelf of the cabinet.

**Important:** Because our rail system is 1/2 inch thick and is mounted on the side of the slide-out, there is an actual **clearance zone** above the cabinet rail member of nearly 1/2 inch wide that the hinge elbow can occupy without binding on the slide-out. If the bottom of the hinge elbow is not lower than 2 1/2 inches from the cabinets base, or existing shelf, and it does NOT protrude into the opening more than 1/2 inch (Right photo below) you can measure the opening of the cabinet at the narrowest point ignoring the hinge altogether. This extra step will gain a little extra space, but more importantly will create visual symmetry between the upper and lower slide-outs. This applies to both sides/hinges in the case of a double door cabinet. The shelf side/rail of the slide-out will pass right by/under the hinge elbow.

Thank you for reviewing this guide.  
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You can take advantage of the space created under the protruding hinges as long as the elbow doesn't protrude into the opening more than 1/2 inch.