

## MEASURING INSTRUCTIONS FOR GLIDE-OUT SHELVES

Measuring cabinets for perfect fitting Glide-Out shelves is a simple process. All that's required is a tape measure and, possibly, a flashlight.

Our shelves are designed to be mounted on an existing shelf, or the bottom (floor) of your cabinet. If you do not have a shelf in the desired location, you will have to add one. If you have a half-depth shelf, it will need to be replaced with a full-depth shelf. Shelves should be at least 1/2" thick, or 5/8" thick if wider than 25".

### Measuring For Width

There are many different styles of cabinets and hardware, but measuring for Glide-Outs is similar for all types.

- 1) Open the cabinet door(s) at least 90 degrees from the cabinet face. (See note #2 below if your door cannot open at least 90 degrees.)
- 2) Measure the **narrowest** part of the cabinet opening. The following photos show the most common scenarios and where to measure.

Photo A: Double-door with hinges protruding into cabinet opening. Measure from hinge knuckle to hinge knuckle.

Photo B: Single door with protruding hinge on one side only. Measure from hinge knuckle to inside edge of face frame or cabinet side.

Photo C/D: Protruding hinge mounting bracket only. Measure from bracket to inside edge of face frame or cabinet side.



Photo A



Photo B



Photo C

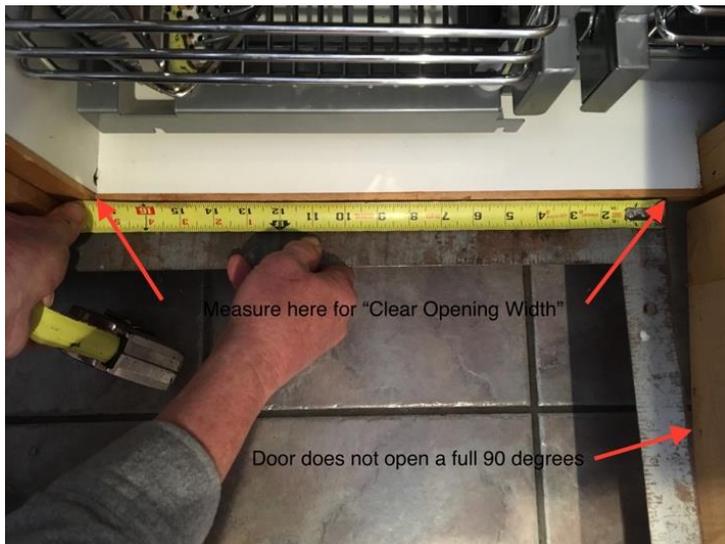


Photo D

- 3) Round down the measurement taken in step #2 to the nearest half inch. This is the **clear opening width**.

Note #1: Make sure that you measure for clear opening width at every planned location of the Glide-Outs.

Note #2: If your cabinet door(s) do not open a full 90 degrees a full-width Glide-Out shelf will not be able to fully extend. In this case, use a framing square as shown in the photo below to determine the maximum width possible that will allow clearance for the Glide-Out to be fully extended.



## Measuring For Depth

It's usually not necessary to remove the contents of your cabinet to measure the depth. Make sure there are no plumbing pipes, electrical wiring/boxes, or other obstructions. A flashlight may help ensure there are no potential obstructions in the path of the Glide-Out.

- 1) Measure from the back of the cabinet to the inside (cabinet side) of the face frame. See photo below. Make sure to measure both left and right sides. If they are not the same, round down the shorter measurement to the nearest 1/8".



- 2) We offer Glide-Outs in depths of 18 and 21 inches, so if you find wiring, pipes or other obstructions, measure from the "front" of the obstruction to the inside edge of the face frame and round down to the nearest 1/8".
- 3) To accommodate the drawer hardware, the actual depth required for our Glide-Out shelves is 5/8" deeper than the tray itself. So, the depth required for a 21" deep Glide-Out is 21 5/8", an 18" will require 18 5/8" and a 15" will need 15 5/8".
- 4) If mounting on a shelf that doesn't extend fully to the interior front of the cabinet, it is possible to overhang the front of the Glide-Out up to 1" beyond the front of the shelf. As noted previously, a half or 3/4 depth shelf will not be sufficient for installation, but must be replaced with a full-depth shelf.

## Measuring For Height

Height measurements are not necessary for ordering or fabricating your Glide-Outs. However, when planning an installation, keep in mind you will need clearance for a power drill/driver or screwdriver to attach the Glide-Out rails to the shelf or cabinet bottom. We recommend at least 7" of vertical clearance for our 3" tall shelves and 10" clearance for our 6" tall shelves. If the shelves that the Glide-Outs are to be mounted on are removable, this clearance is not necessary, as the installation can be done with the shelf removed.