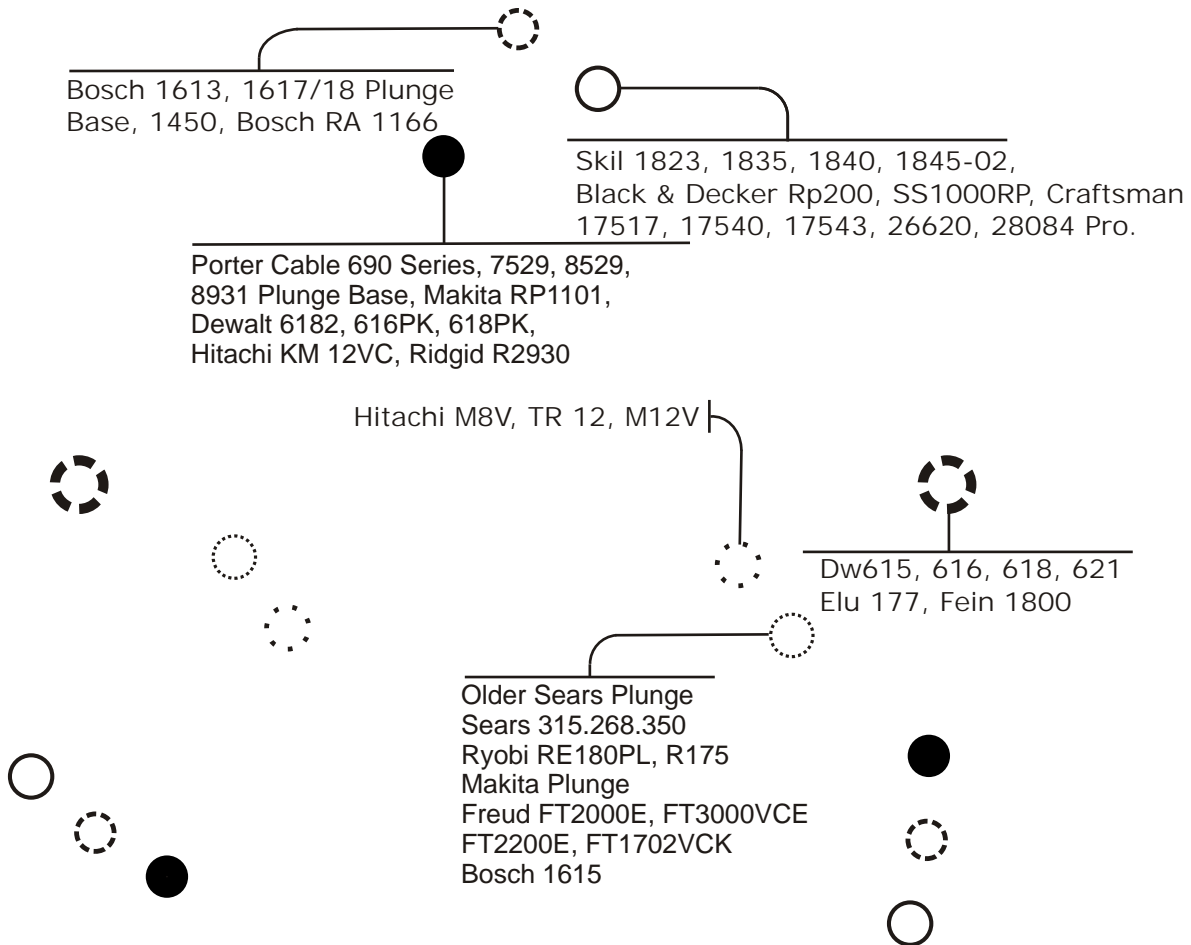




4800 West 34 Street Suite C22
Houston, TX 77092

jaspera@sbcglobal.net
jaspertools.com

The Model 270 Circle Guide will make 180 different size circles in 1/16 inch increments from 7 to 18 3/16 inches in diameter. The scale is calibrated to read direct cutout diameter when a 1/4 inch router bit is used. A calibration disk is included that is used to calibrate the guide to your router.



Router Base Layout

INSTRUCTIONS

SAFETY: Read all precautions that came with your router. Make sure your router is unplugged while changing the bit and leave router unplugged until you complete your setup and you are ready to route your circle. Always use eye protection while routing.

MOUNTING THE GUIDE TO THE ROUTER: Place your guide on the workbench with the counterbores facing the workbench. Remove the plastic base from your router. A 1/4 inch dowel pin has been provided in the hardware tube. Install the 1/4 inch dowel pin in the collet of your router, so that 7/8 of an inch of the pin is protruding from the collet. Note that you may need to use your 1/4 inch reducer to properly install the dowel pin. A calibration disk has been pressed into the 1 3/4 inch hole that is in the guide. Leave the disk in place until you have finished mounting your router. There is a 1/4 inch hole in the disk. Plunge the router so that the dowel pin aligns into the 1/4 inch hole and lock the brake. Hold your hand on the bottom of the guide and turn your router over so that you can see the counterbores. Rotate the guide around the router base until the mounting holes line up and mount the guide with the supplied screws. Release the lock on the router and remove the disk from the guide by tapping up on the disk from the bottom with a small hammer. Replace the 1/4 inch pin with a 1/4 inch router bit. Your circle guide is now calibrated for your router.

REINSTALLING THE CALIBRATION DISK ON THE GUIDE: Save the calibration disk and 1/4 inch dowel pin for future installation. The disk should be reinstalled in the guide by tapping it into position with a small hammer. The disk should remain in the guide when the guide is not in use.

HOW TO USE THE SCALE: The guide has inches listed along the horizontal scale on the bottom edge of the pivot hole pattern, and the fractions listed vertically along the left end. To find the 12 1/2 inch pivot hole, find the 12 inch column of holes from the horizontal scale and the 1/2 inch row of holes from the vertical scale. Follow these lines to the 12 1/2 inch pivot hole and insert your pivot pin there.

CUTTING DISKS: The guide is calibrated to make HOLE cutouts using a 1/4 inch diameter router bit. To make disks, use a 1/4 inch router bit and add 1/2 inch to the scale.



SETTING UP: Figure 1 shows a typical setup for cutting circular holes, mortises, or disks. The work-piece should be taped to the backup with double sided tape on both the inside and the outside of the cutout. Using a 1/8 inch diameter drill bit, drill a vertical hole through the work-piece and into the backup. This hole should be located at the center of the circle to be cut.

Made in USA

Other fine products

Model 200	2 1/4 to 18 3/16 Inch Circle Guide
Model 300	7 to 52 3/4 Inch Circle Guide
Model 350	Pivot Pin Plate
Model 400	1 to 7 1/2 Inch Circle Guide
Model 525	Base Plate Adapter
Model 575	Base Plate Adaptor with Centering Pin

SETUP FOR CIRCLE ROUTING

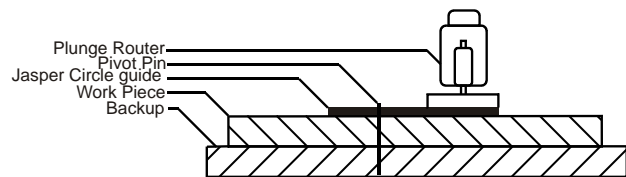


Figure 1