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Adobe Acrobat Reader Troubleshooting Guide

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Bandsaw Circle Jig

This well-rounded add-on saws circles from 2" to 44" in diameter.



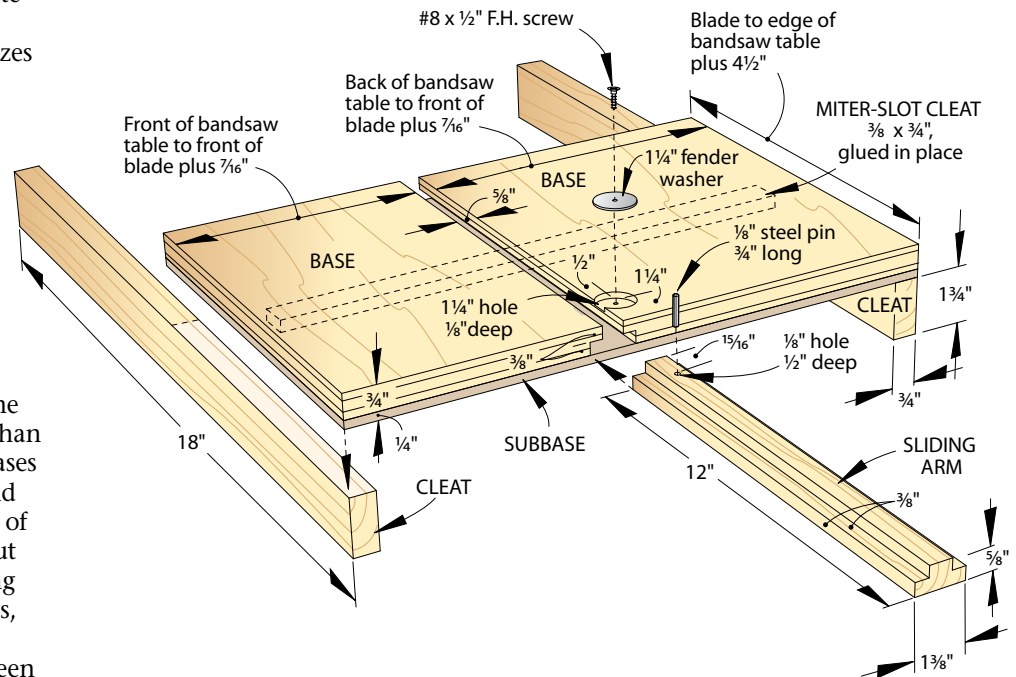
Dig through the scrap bin and you'll easily find enough material to make this jig. Start construction by determining the sizes of the base pieces as shown in the **Drawing**. Cut the bases to size from plywood or MDF, rabbet one edge of each piece, and, using a Forstner bit, drill the 1 1/4" hole where shown.

Cut the sliding arm to size, rabbet the edges, and drill the hole where shown. Make a steel pin from a section of 1/8" steel rod or bolt, and press the pin in place.

Now, cut the subbase to match the length of the bases, and 5/8" wider than their combined widths. Glue the bases to the subbase, flush at the ends and edges. Keep glue 1/4" from the edges of the rabbets to minimize squeeze-out that would interfere with the sliding arm's operation. Before the glue sets, insert the sliding arm between the bases to establish the spacing between them; then remove the arm.

After the glue dries, cut the cleats to size. Position the jig on your bandsaw to the side of the blade and glue the cleats to the subbase snug against the table.

Next, cut the miter-slot cleat to size, apply double-faced tape to its top face, and place it in the saw's miter slot. With the jig 1/16" from the blade, press the jig onto the miter-slot cleat. Remove



the jig with the miter-slot cleat still attached, mark the cleat's location, and then glue it in place.

To use the jig, cut a square blank 1/16" wider and longer than the diameter of the desired circle. Drill a 1/8" hole 1/4" deep in the center of the blank and place it over the pin in the sliding arm.

Adjust the sliding arm so one edge of the blank just touches the bandsaw blade and tighten the screw in the fender washer to secure the arm. (For circles larger than 22", reverse the arm so the pin is closest to you.) Turn on the bandsaw and slowly rotate the workpiece to cut out the circle. 🌿

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