



PROJECT PLANS

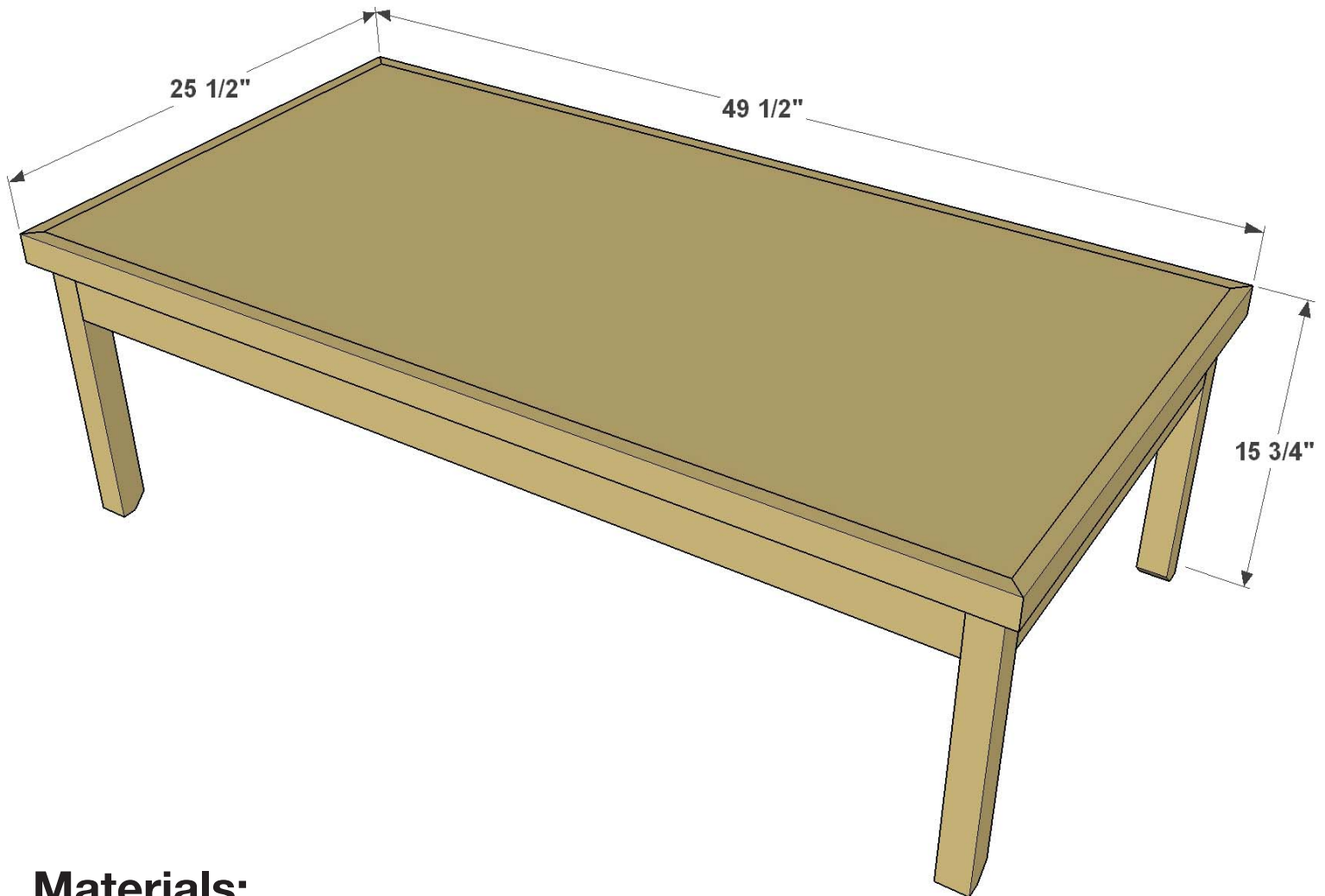
SUPER-SIMPLE COFFEE TABLE

Even if you've never built furniture before, you can create this coffee table. That's because the construction couldn't be much simpler. There are just a few parts, and they're all assembled with Kreg Joints™. Even the top is easy. You can start with a pre-cut quarter sheet of plywood, and then add four pieces of edging—cut from 1x2 boards—to give it a finished look. From there, you'll make the base by cutting some dimensional lumber to length with a miter saw, and then put it all together. After that you can kick back, relax, and enjoy your new table and your newfound skills.



Safety:

Attention: Almost any do-it-yourself project involves risk of some sort. Your tools, materials, and skills will vary, as will the conditions at your project site. Kreg Tool Company ("Kreg") has made every effort to be complete and accurate in the instructions and other content contained in this document. However, Kreg will not assume any responsibility or liability for damages or losses sustained or incurred in the course of your project or in the use of the item you create. Always follow the manufacturer's operating instructions in the use of tools, check and follow your local building codes, and observe all commonly accepted safety precautions. We strive to be accurate, but reserve the right to correct any errors.



Materials:

Qty	Description
(2)	2 x 2 x 36" poplar boards
(1)	1 x 3 x 48" poplar board
(1)	1 x 4 x 48" poplar board
(1)	1 x 4 x 96" poplar board
(2)	1 x 2 x 96" poplar boards
(1)	3/4" birch plywood 24" x 48"
(70)	1 1/4" fine-thread pocket screws
	Wood Glue

Tools:

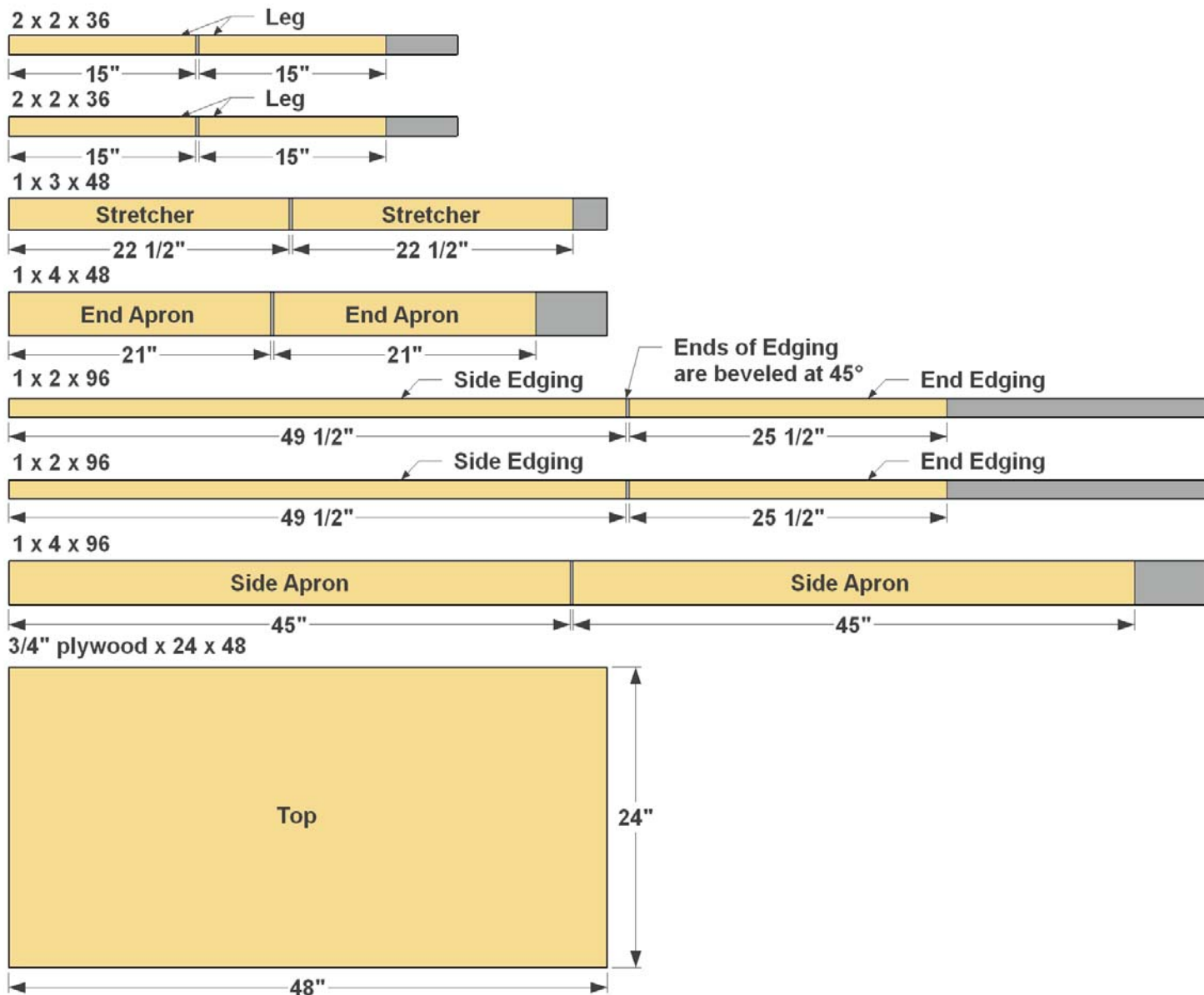
Drill/Driver
Kreg Jig®
Miter Saw
Bar Clamps
Tape Measure

Pencil
Iron
Sandpaper and Sander
Paint or Stain

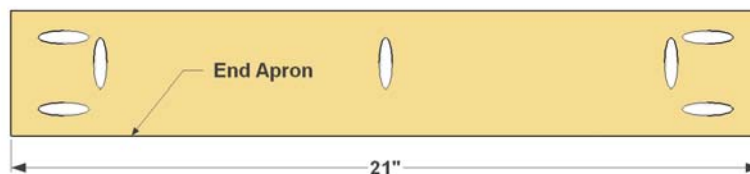
Optional Tools:

Kreg Square-Cut™

Cutting Diagram:

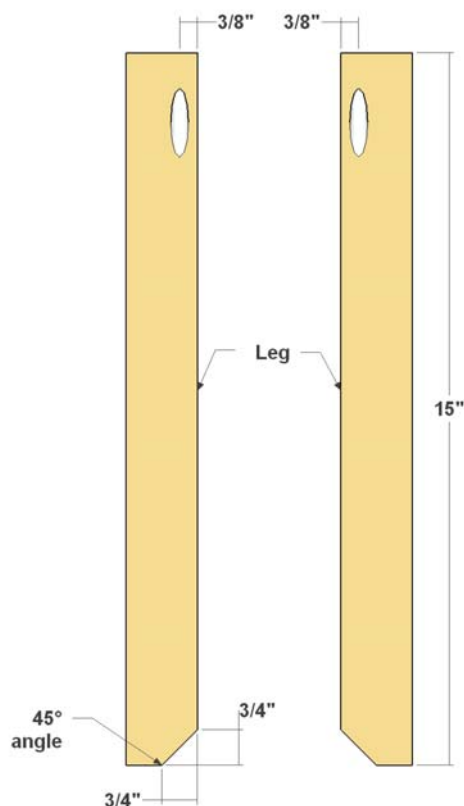


Step 1: Using the cutting diagram as a guide, cut two End Aprons to length from 1x4 boards. With your Kreg® Jig set up for 3/4" material, drill pocket holes in each End Apron, as shown.

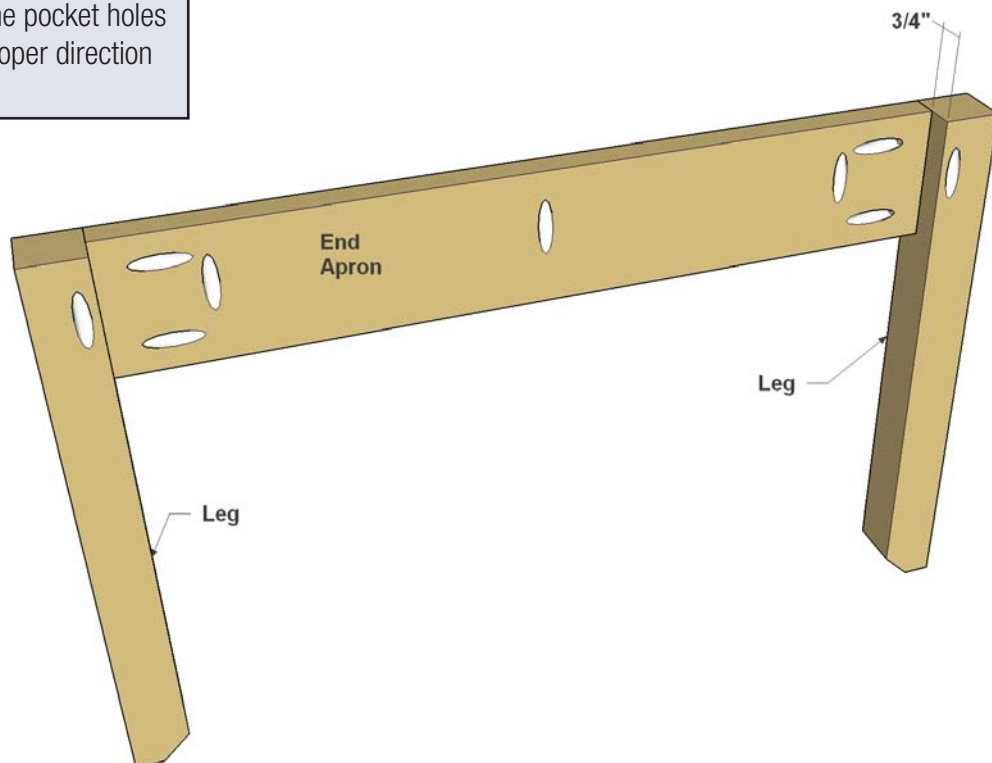


Step 2: Using the cutting diagram as a guide, cut four Legs to length from 2x2 boards. Then, set your miter saw to 45°, and cut the angle on the bottom end of each leg.

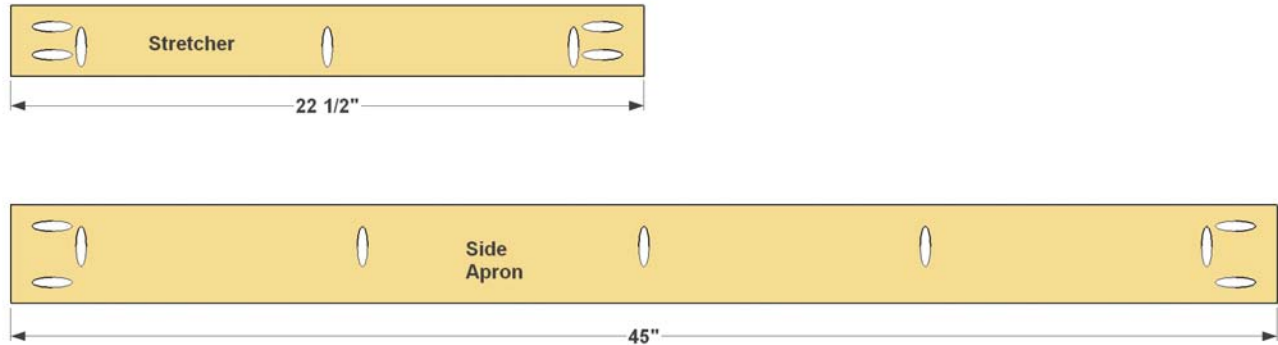
Step 3: With your Kreg® Jig set up for 3/4" material, drill a pocket hole in each Leg, as shown. Make sure you place the holes in what will be the *inside* face.



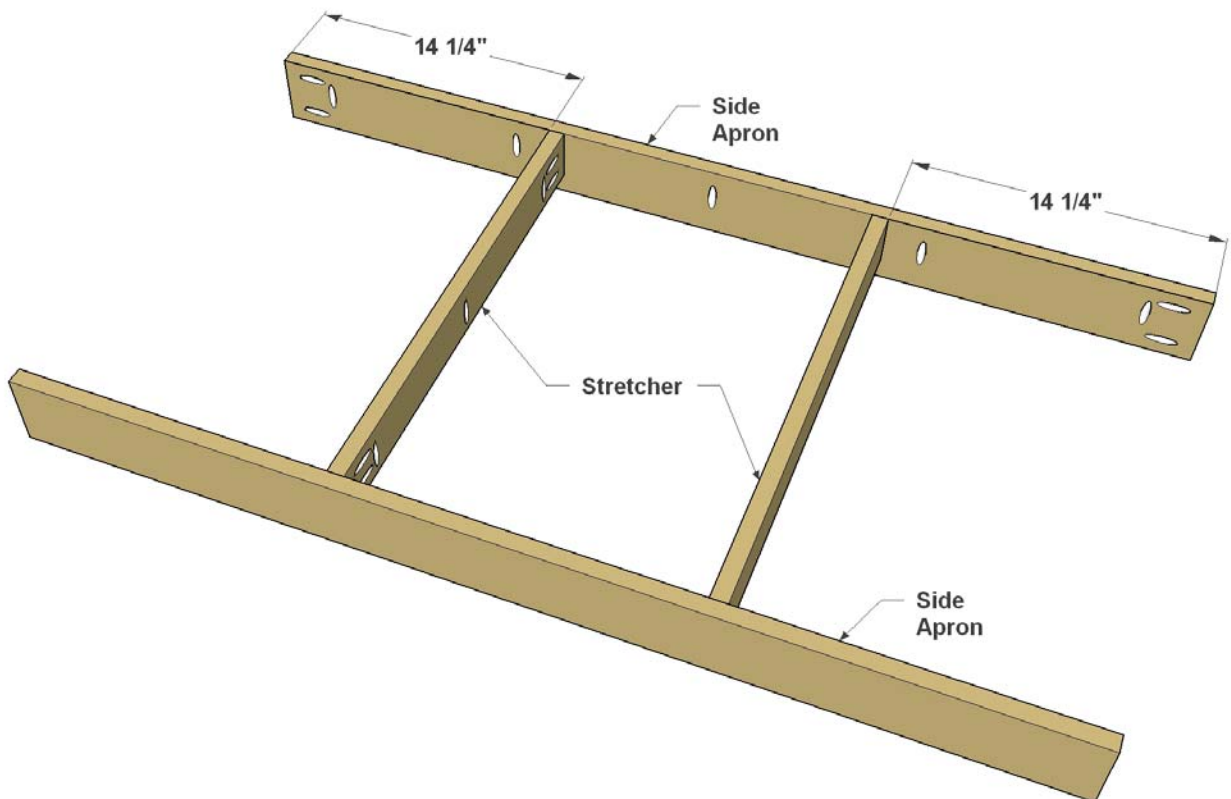
Step 4: After sanding the Apron and the Legs smooth, create two end assemblies by screwing the Aprons to the Legs using 1 1/4" fine-thread Kreg® Screws. Make sure the miters on the Legs face toward each other, and that the pocket holes in the Aprons are pointing in the proper direction for attaching the table top later.



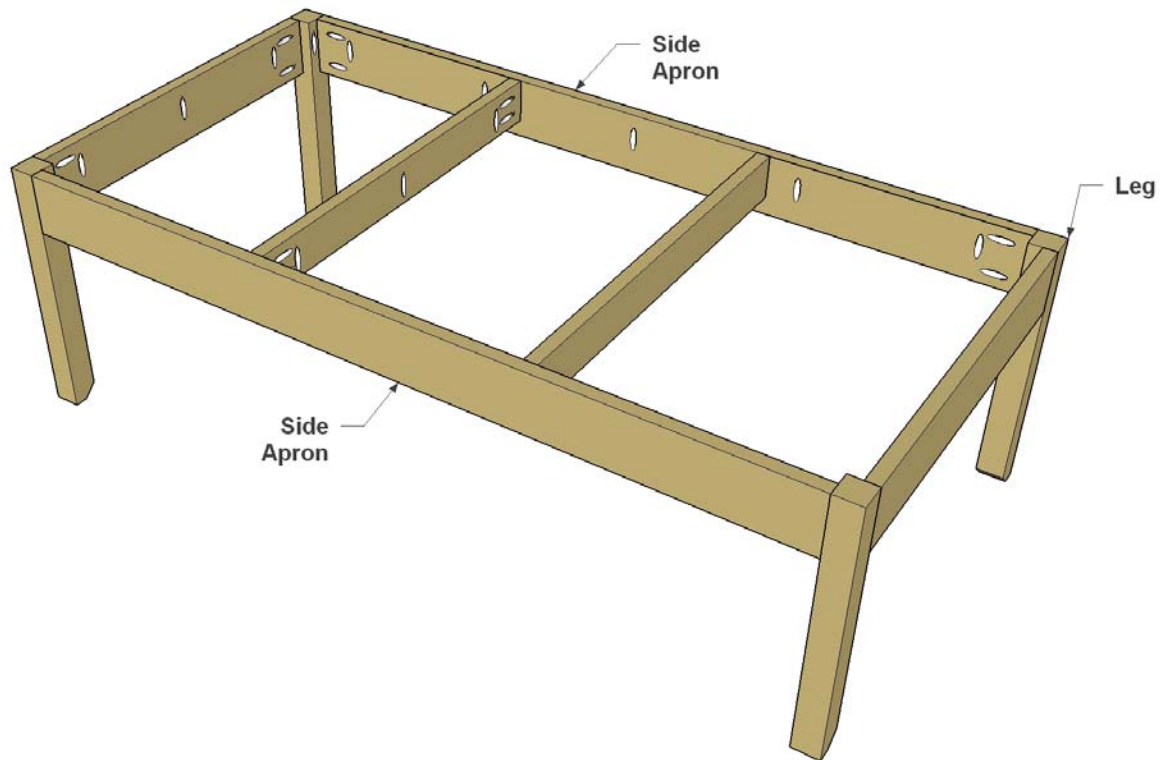
Step 5: Using the cutting diagram as a guide, cut two Side Aprons to length from a 1x4 boards. Also cut two Stretchers to length from a 1x3 board. Then, with your Kreg® Jig set up for 3/4" material, drill pocket holes in the Side Aprons and Stretchers, as shown.



Step 6: After sanding the Side Aprons and the Stretchers smooth, attach the Stretchers to the Side Aprons using 1 1/4" fine-thread Kreg® Screws. Make sure that all of the pocket holes are oriented in the same direction.

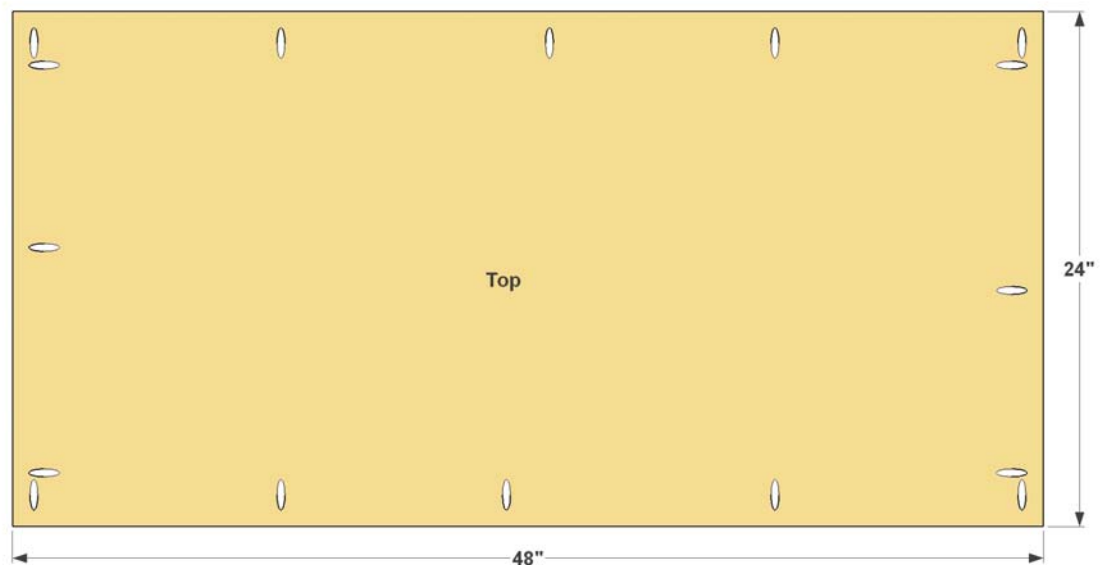


Step 7: Assemble the table base by attaching the apron/stretcher assembly to the end assemblies using 1 1/4" fine-thread Kreg® Screws. Make sure that the pocket holes in the apron/stretcher assembly are pointed in the proper direction for attaching the table top later.



Step 8: Create a Top from 3/4" plywood, as shown in the cutting diagram. You can use a pre-cut quarter sheet of plywood, or cut a piece from a larger sheet. Make sure that the grain direction runs lengthwise on your top.

Step 9: With your Kreg® Jig set up for 3/4" material, drill pocket holes in the underside of the Top, as shown.



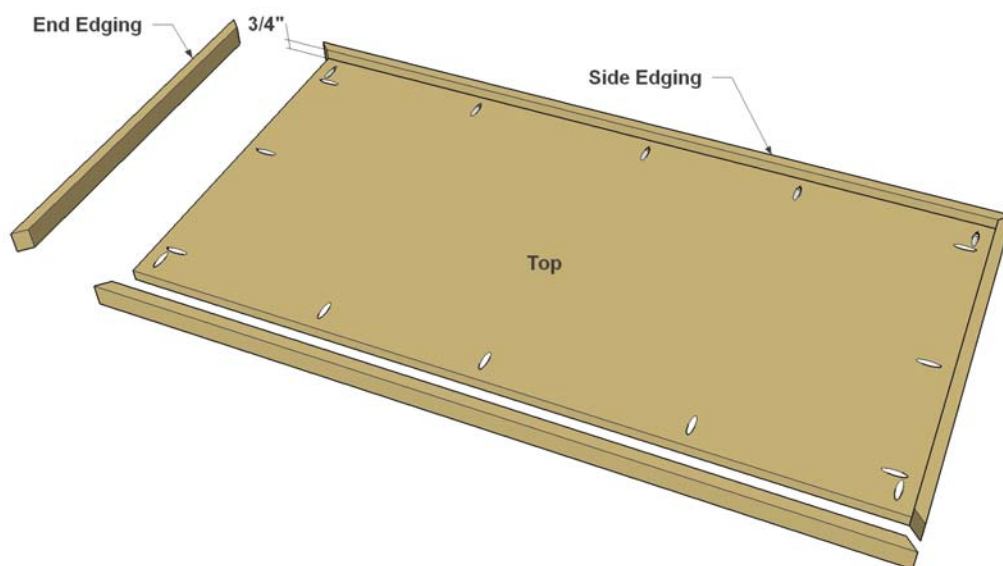
Step 10: Cut two pieces of Side Edging, as well as two pieces of End Edging to length from 1x2 boards, as shown in the cutting diagram. When cutting, miter the ends at 45°. See the Tip to get best results.

Quick Tip

The Cutting Diagram is a great guide for cutting the Edging. It's a good idea, though, to double-check the exact dimensions of your Top before cutting the edging. That way, if you're the dimensions of the Top aren't exact, you can adjust the Edging accordingly.



Step 11: After sanding the Edging smooth, attach it to the Top. Make sure that the upper surface of the top is flush with the edging as you assemble. You can use bar clamps or a couple of Right-Angle Clamps to hold the Edging in place as you check the alignment. Then attach the Edging using 1 1/4" fine-thread Kreg® Screws.



Step 12: With the top and base assemblies complete, you can attach the top to the base using 1 1/4" fine-thread pocket hole screws. After assembly, double check for any rough spots or glue squeeze out. Sand as necessary. Then, you can complete the table by adding the stain or paint of your choice.

