

DIY Outdoor Sectional Sofa

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***Before beginning this project, please read through all of the plans as well as the blog post associated with this project. Always use safety precautions whenever using power tools and follow the manufacturer's suggested guidelines. Make sure to wear proper safety protection (eye protection, hearing protection, etc.) before beginning any project. Cut all pieces per the measurements in the plans, unless noted otherwise.**

****This project uses rough cut redwood boards. If running these boards through a planer or joiner, be sure to take into account the final measurements of the lumber. Specifically the width.**

Materials List:

12 – 2x3 rough cut redwood boards @ 8' long

11 – 1x4 cedar boards @ 8' long

6 – 2x4 redwood boards @ 8' long

Cut List:

(for the sofas)

6 – 2x3 @ 33" long

8 – 2x3 @ 21 ½" long**

6 – 2x3 @ 72" long

2 – 2x3 @ 10" long

2 – 2x3 @ 20 5/8" long (center back supports. Measure and cut to fit)

4 – 2x3 @ 7 5/8" long (center legs. Measure and cut to fit)

(for the table)

4 – 2x3 @ 15 ½" long

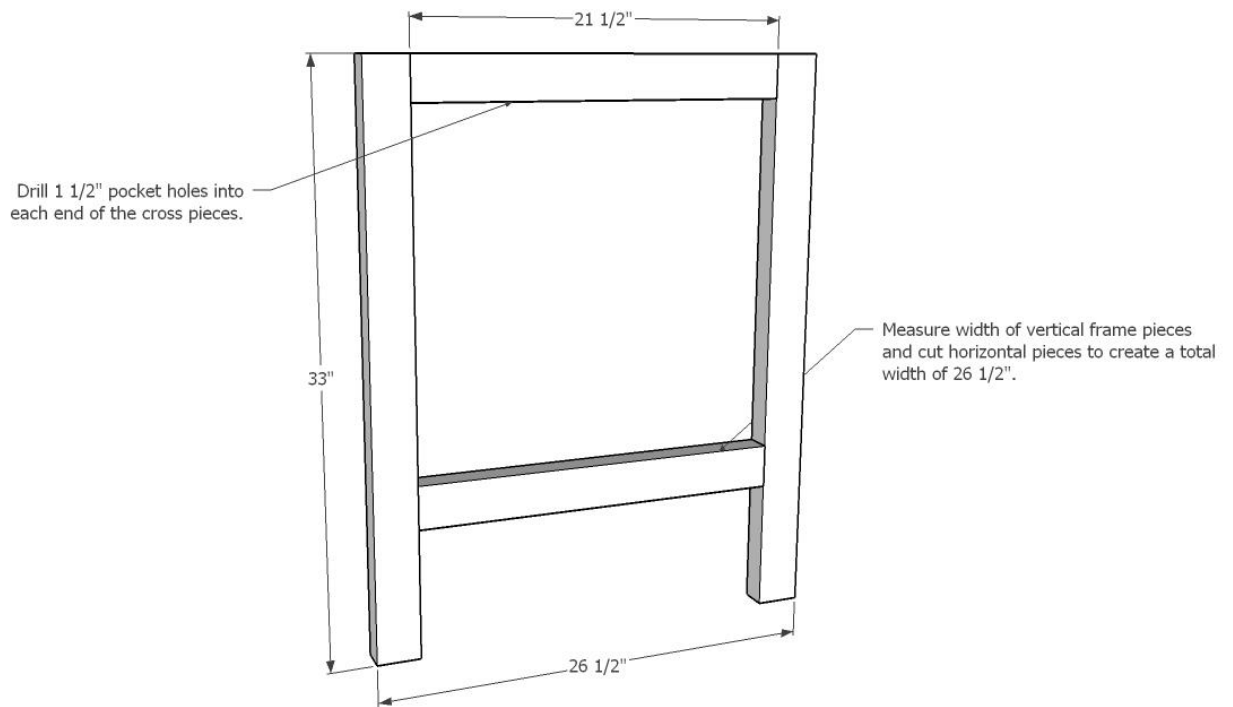
2 – 2x3 @ 21 ½" long

2 – 2x3 @ 23 ½" long

2 – 1x4 @ 26 ½" long

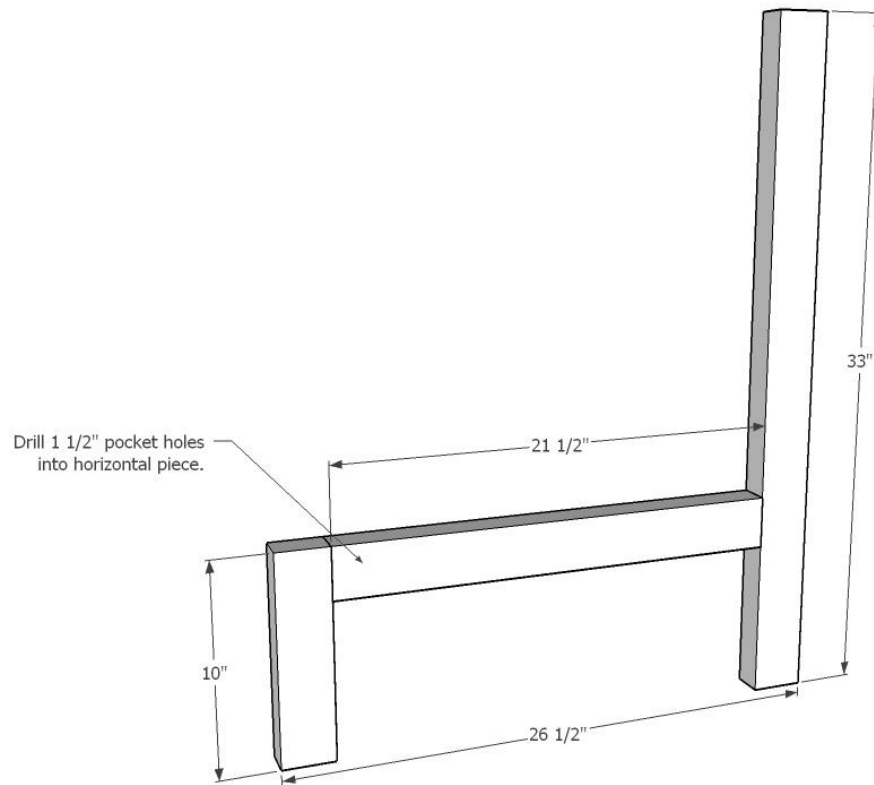
7 – 1x4 @ 19 ½" long

STEP 1:



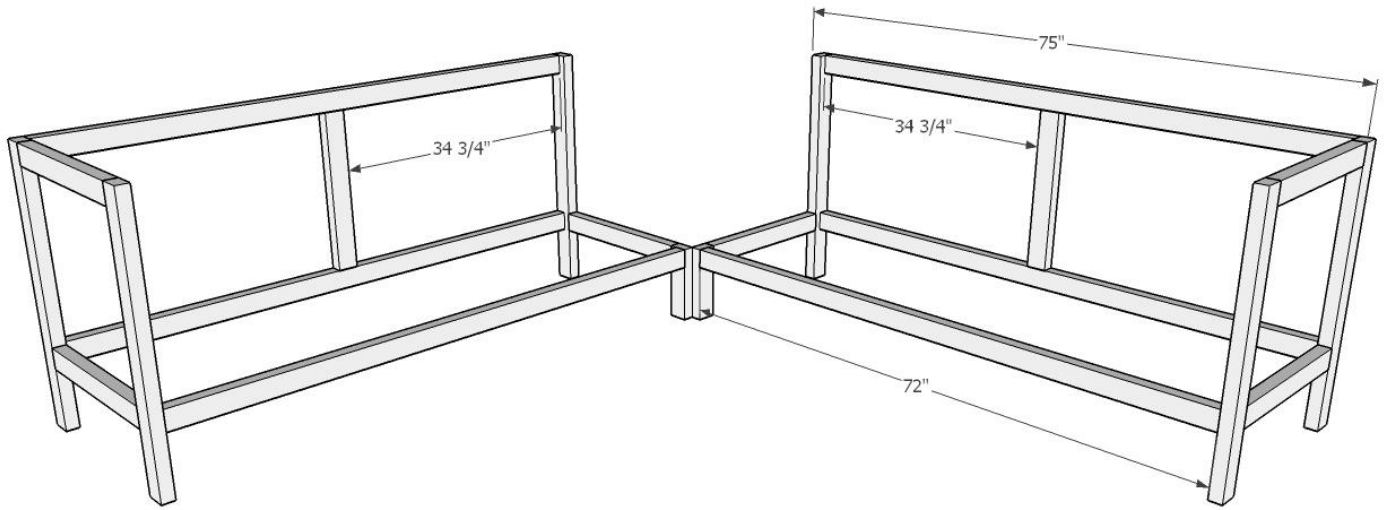
Build the sides of the sofa. Drill 1 1/2" pocket holes into the 21 1/2" pieces. Position the top piece flush with the tops of the 33" legs. Position the bottom piece 7 1/2" from the bottom of the legs. Glue and clamp into place. Attach to the legs with 2 1/2" pocket screws.

STEP 2:



For the other side of the sofa, drill 1 1/2" pocket screws into the 21 1/2" piece. Position flush with the top of the 10" front leg and 7 1/2" from the bottom of the 33" leg. Glue and clamp into place, then attach with 2 1/2" pocket screws.

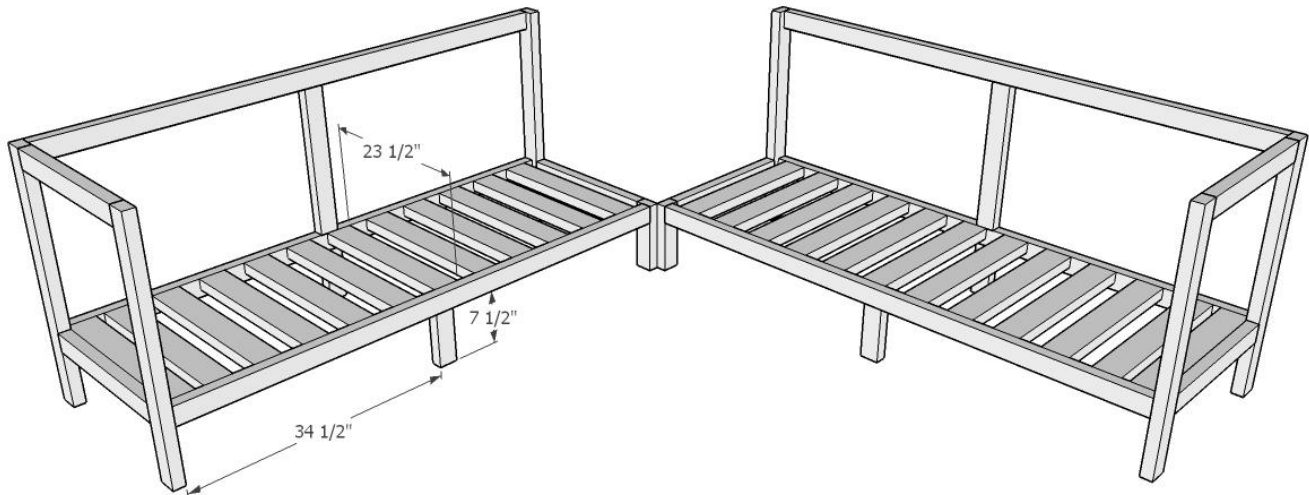
STEP 3:



Build the remaining frames of the sofa. Drill 1 ½" pocket holes into the 72" stretchers and the center back supports. Glue and clamp the lower stretchers into place, aligning them with the lower side rails. Attach with 2 ½" pocket screws. Align the top frame stretchers with the tops of the legs. Glue and clamp in place, then attach with 2 ½" pocket screws.

Center the back supports and attach with 2 ½" pocket screws. There should be approximately 34 ¾" on each side of the 2x3 support.

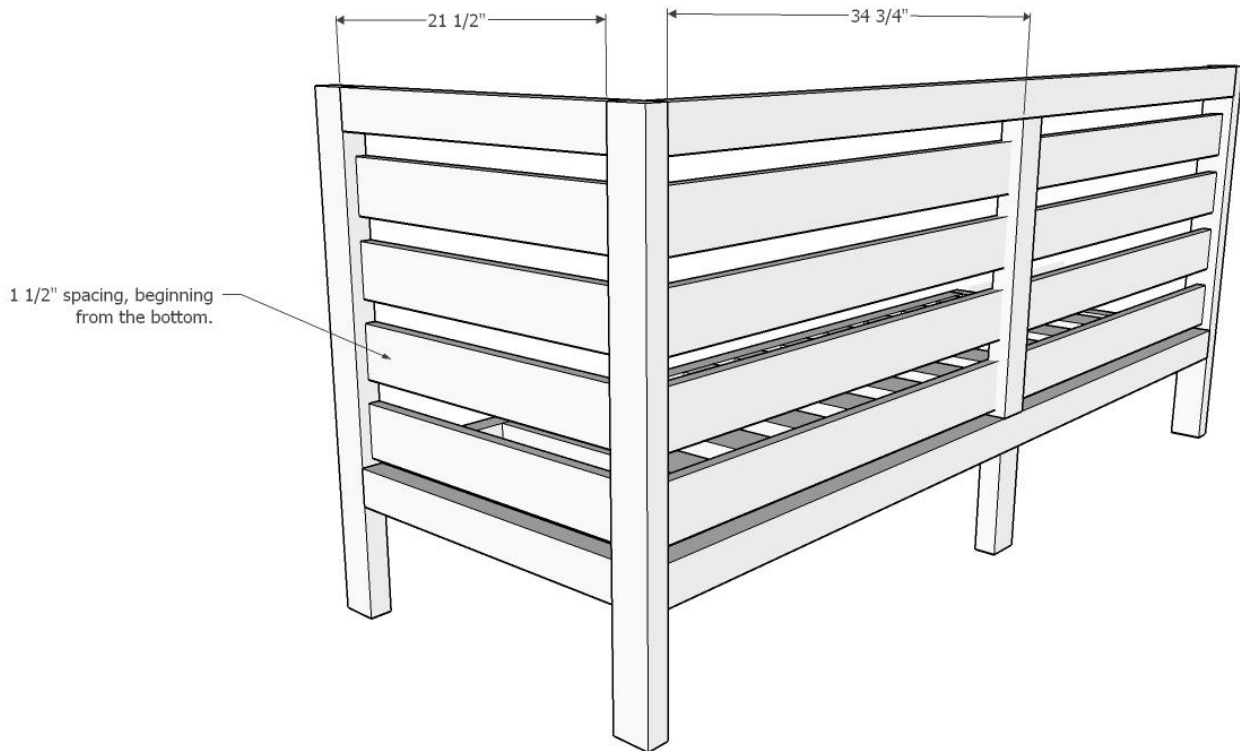
STEP 4:



Drill 1 1/2" pocket holes into each of the 2x4 seat supports. For each piece of the sectional, begin attaching them 1 1/2" from the end of the frame, then begin attaching them approximately 2 1/2"-2 3/4" apart. Attach all of the supports with 2 1/2" pocket screws. Follow the same steps for the other portion of the sectional.

For added support in the middle of the sofas, measure and cut to size 2x3 center legs. Drill 1 1/2" pocket holes and attach with 2 1/2" pocket screws.

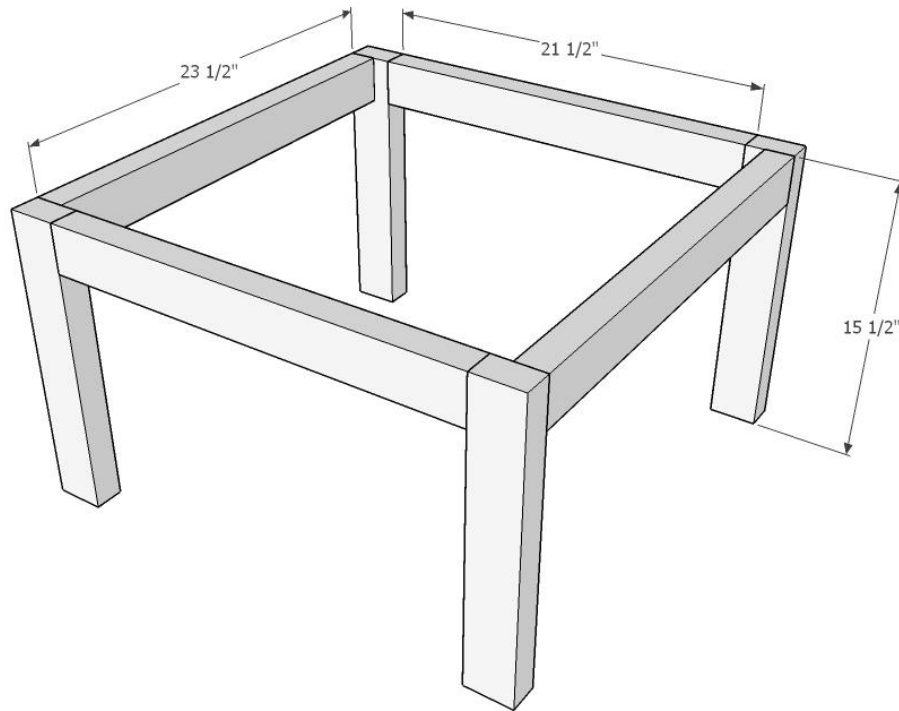
STEP 5:



Drill $\frac{3}{4}$ " pocket holes into each of the 1x4 cedar slats. Working from the bottom up, one section at a time, use scrap $1\frac{1}{2}$ " thickness pieces to evenly space all of the slats. Position the slats with the pocket holes facing the inside of the sofa. The side slats will sit flush with the inside edge of the 2x3 frame. Attach with $1\frac{1}{4}$ " pocket screws.

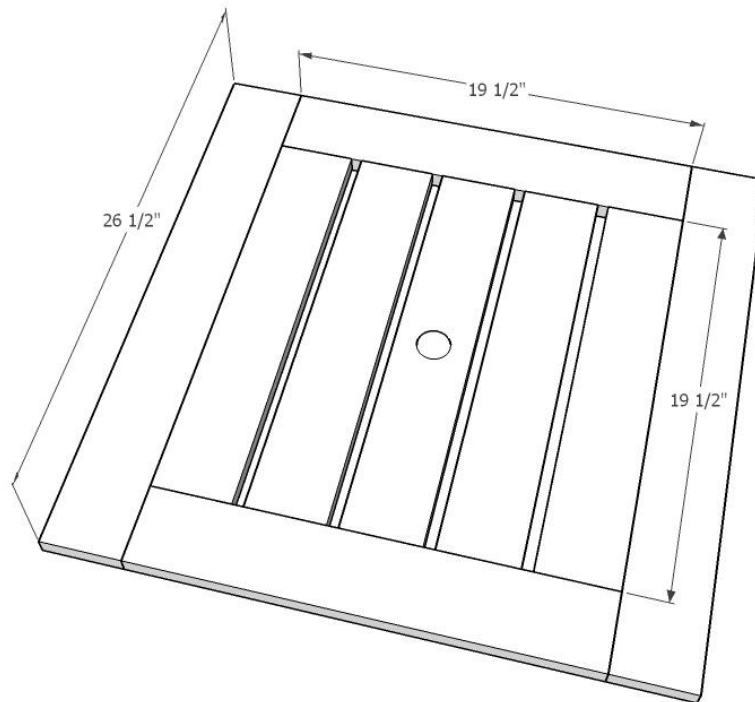
For the back of the sofa, position the slats flush with the center support on the back. For the outer ends, use a carpenter's square sitting flush with the top 2x3 stretcher to determine positioning of the slats on the ends. **See blog post for photo description.** Attach with $1\frac{1}{4}$ " pocket screws.

STEP 6:



To build the corner table, drill 1 1/2" pocket holes into the 23 1/2" and 21 1/2" aprons. Position flush with the tops of the table legs. Glue and clamp into place, then attach with 2 1/2" pocket screws.

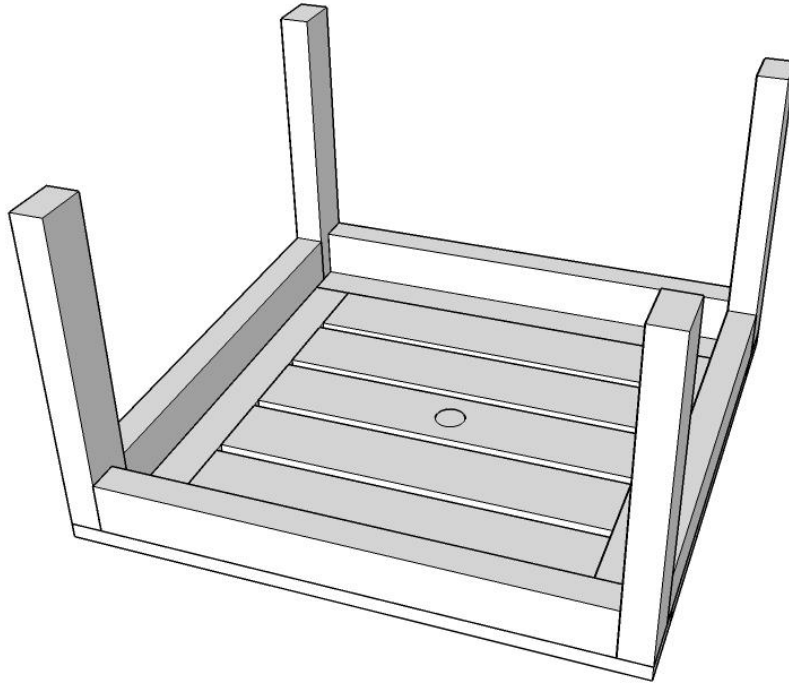
STEP 7:



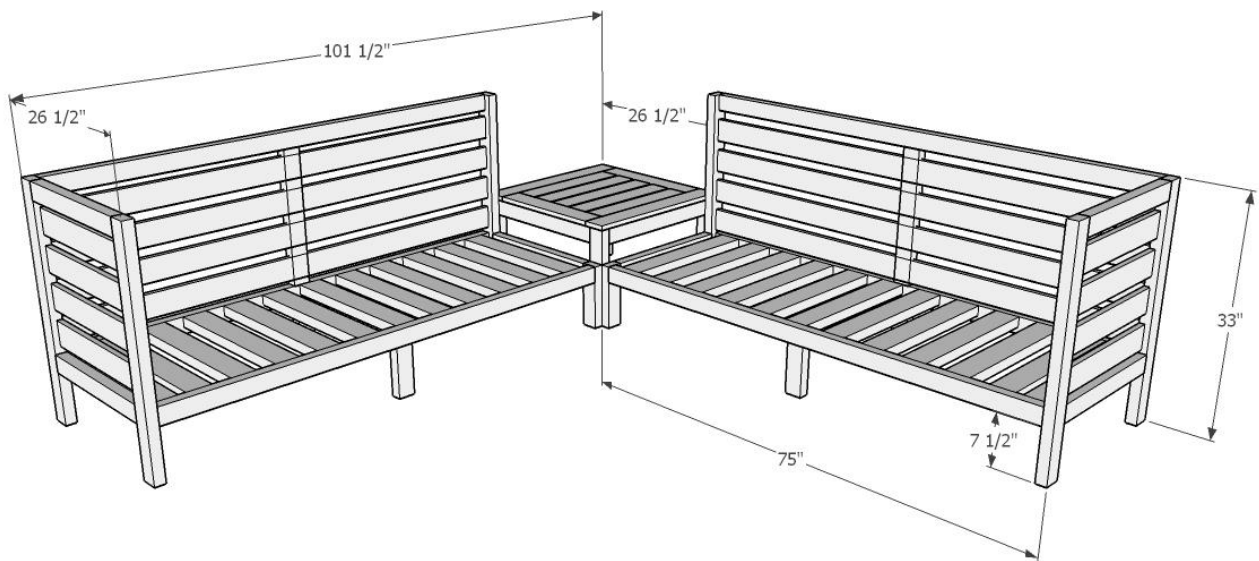
For the table top, drill $\frac{3}{4}$ " pocket holes into all of the $19 \frac{1}{2}$ " pieces. Build the outer frame first. Form a square and attach to the $26 \frac{1}{2}$ " pieces with $1 \frac{1}{4}$ " pocket screws. Find center inside the frame as well as the center of the middle board to position the first board. Clamp into place and attach to the frame with $1 \frac{1}{4}$ " pocket screws. Position the next boards with a $\frac{1}{2}$ " gap from the middle board and the last boards flush against the frame. Attach all of the boards with $1 \frac{1}{4}$ " pocket screws.

OPTIONAL: Drill an umbrella hole in the center of the table top.

STEP 8:



Lay the table top upside down on a flat surface. Flip the base and align on top of the bottom of the table top. Attach the base to the top with 3" deck screws, countersinking the screws just slightly into the wood.



Sofa is designed to fit seat cushions that are 24" square. Thinner back cushions are recommended for a deeper seating space.