

UNIFORM 1/2" BOX JOINTS

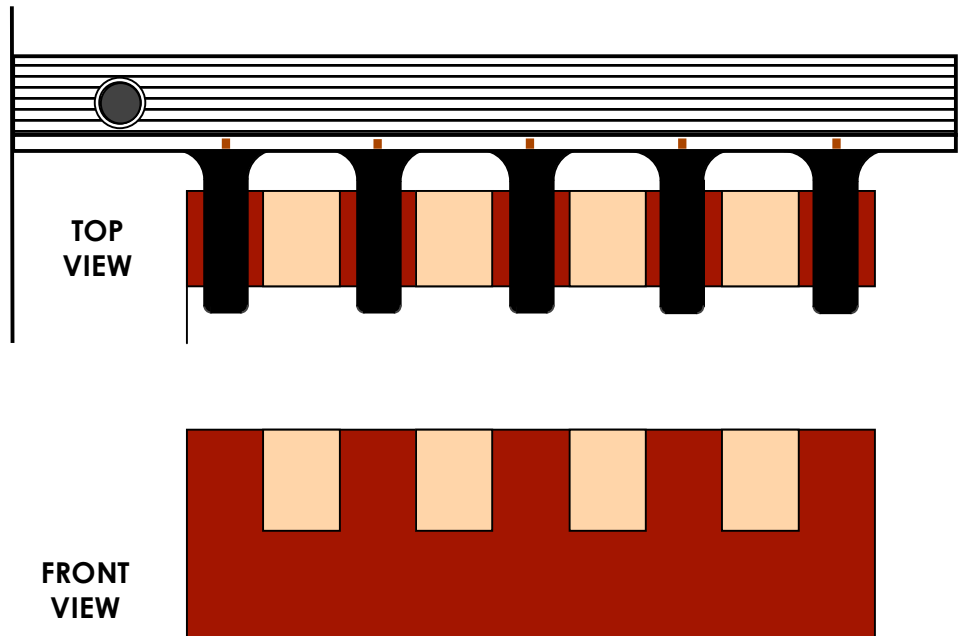
STEP ONE

You will need the .350" box joint bit (P/N 3458 with 1/4" shank, or P/N 3858 with 8mm shank) and the .578" guide bushing (P/N 3530)

Your stock width should be a multiple of 1", but if you want a "pin" at each end as shown on the left, add 1/2" for the extra "pin". Use a shim to align your stock, or adjust the index strip (P/N 3460 Index Strip Adjuster).

Install a row of half blind pin guides from below, and clamp your stock up underneath them in the rear vertical clamp and rout out the sockets.

Make the usual pencil marks on the guide rail before you remove your stock from the jig.



STEP TWO

Discard one HBD pin guide and move the remaining pin guides to the midway points between your first pencil marks, or 1/2" to the right

Now install the mating "pin" piece and rout out the sockets.

Always cut a test joint first.

Always use a back-up board to minimize tear out.

Use the oversize (P/N 3531) and undersize (P/N 3532) guide bushings to adjust the joint fit.

For special effects, try making "veneered" box joints, use contrasting wood species, or skip one or two joint elements.

