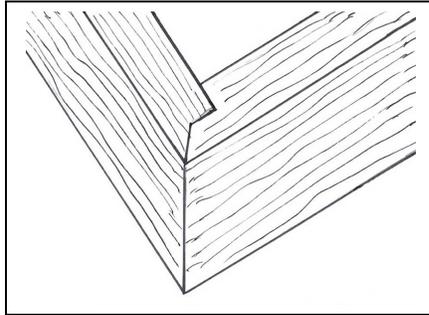


Rabbeting/Lapped Miter Joint Instructions



1. Install the smaller diameter bit and adjust the top of the cutter to a height that is $3/4$ " above the router tabletop. (see Fig. A).

2. Set the router table fence so that a small portion, about $1/4$ " of the bit is exposed beyond the fence. Make a test cut on a piece of scrap material that is the same thickness as your stock you will be using. If the top of the bevel does not come to a sharp point at the top of the stock, move the fence back a small amount. Repeat the test cut and adjust the fence as needed until you get a cut that comes to a nice sharp point without removing any excess stock. (see Fig. B). You do not want to reduce the length of your pieces and end up with an undersized box. Once you have achieved the correct fence position, proceed to cut the ends for the joint on one of the two mating corners.

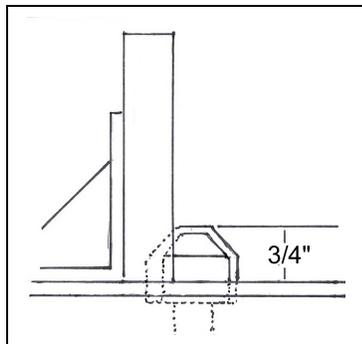


Fig. A

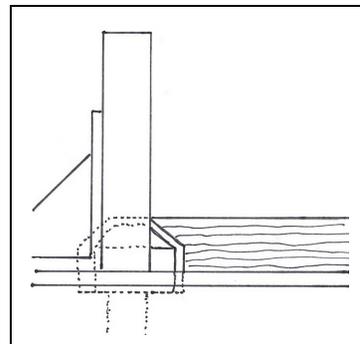


Fig. B

3. Install the larger diameter bit and adjust the top of the cutter to a height that is $3/4$ " above the router tabletop. (see Fig. C).

4. Set the router table fence so that a small portion, about 1/4" of the bit is exposed beyond the fence. Make a test cut on a piece of scrap material that is the same thickness as your stock you will be using. Adjust the fence back until the you have it adjusted where the corner is sharp and the first piece that was cut creates a flush 90 degree corner and no end grain is exposed. (see Fig. D). If you find you have a gap between the beveled faces, move the fence back a minimal amount to eliminate the gap. If the joint shows a gap on the square lap edge, move the fence forward a minimal amount. Once you have a proper fitting joint, you can rout the other pieces to fit together the pieces cut in the first step.

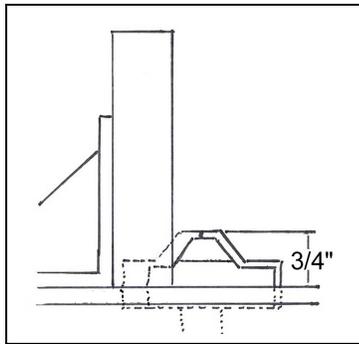


Fig. C

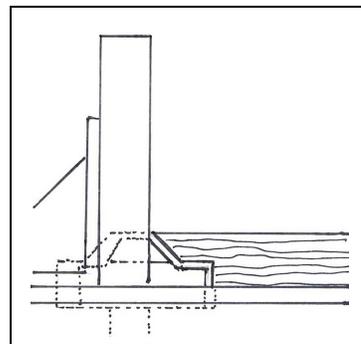


Fig. D