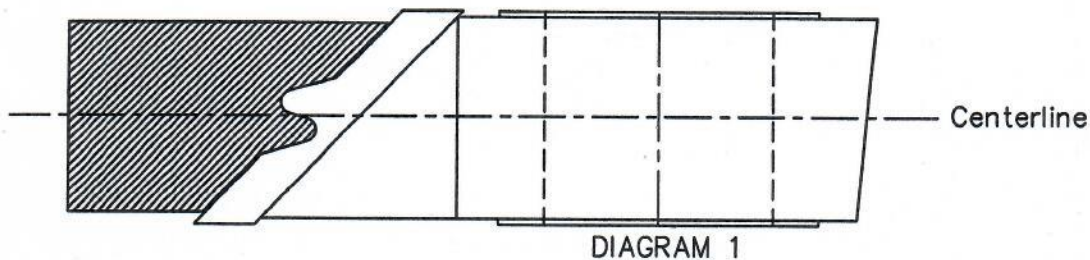


SETTING UP A LOCK MITRE CUTTER

This cutter makes a great joint in wood, but they can be a challenge to set up for a perfect fit. The reason is there are two factors that take place to ensure a proper fit. They are the cutter height and the fence position.

To begin the set-up, install the cutter onto the shaper so the middle height of the cutter and the middle height of the stock is approximately the same size vertically. It won't be perfect, but it is a good starting point. Using stock of the same thickness as you will in your project, run two pieces through horizontally, flip one piece 180 degrees and test fit them. If they are flush, your bit height is set correctly. If not, adjust the bit height by half of the distance that the fit was off. When you have got this step right, you can move on to adjusting the fence.

(See diagram 1)



Start by running the test stock vertically against the face of the fence. Once the vertical pieces fit together flush, your set-up should be correctly set.

(See diagram 2)

