

Band Saw Circle Cutting Jig

There seemed to be some interest in this at the June meeting so I thought I'd try to give a few details concerning its' construction and use.



Left photo of the jig shows the guide bar, front stop, lock knob and the slot it travels in. Right photo shows an end view with the adjustable bar extended a little.



Here is the jig disassembled showing the slot in which the adjustable bar travels as well as the slot for the lock knob. Next I'm getting ready to use the jig by placing the workpiece onto the jig. The $\frac{1}{4}$ " hole has been drilled in the underside to receive the pivot pin (a $\frac{1}{4}$ " x 20 bolt with the head cut off). Now the saw is turned on and the jig is pushed while guided by the miter gauge slot. When the front stop hits the front of the table, you now turn the workpiece as it "spins" on the pivot pin. Continue until the cut is complete.





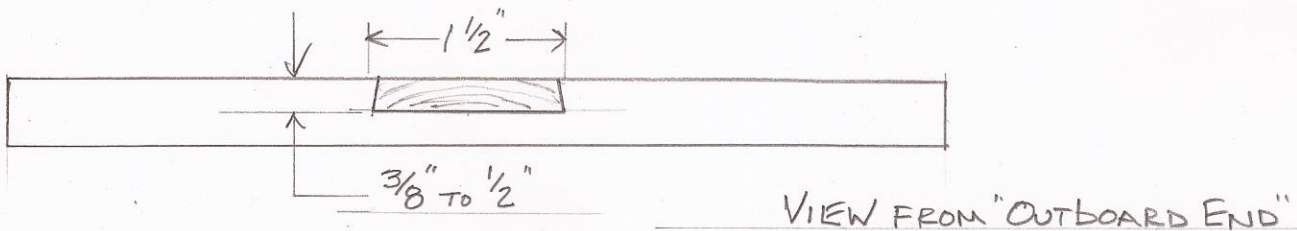
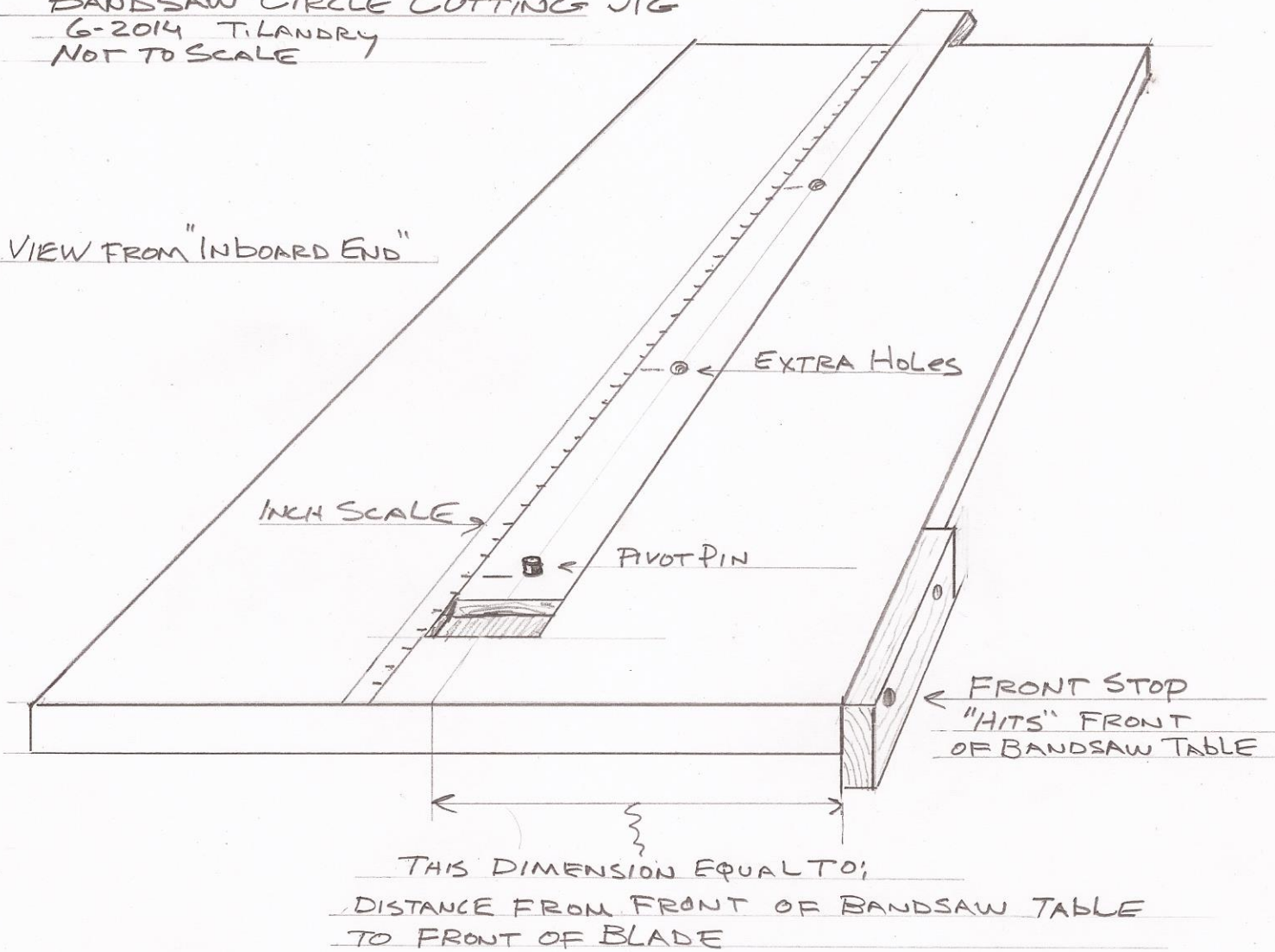
The attached drawing gives a few more details but you should adapt the jig to your band saw. If you decide to make a circle jig, please feel free to make improvements to this design, bring it to a club meeting and share it with everyone. I hope this is of some help.

Terry

BANDSAW CIRCLE CUTTING JIG

G-2014 TILANDRY
NOT TO SCALE

VIEW FROM "INBOARD END"



NOTES: ALL DIMENSIONS & MATERIALS ARE OPTIONAL

MAKE IT TO FIT YOUR BANDSAW

I USED 1/4 X 20 THREADED INSERTS FOR THE PIVOT
PIN AND THE LOCK KNOB

CUT A SHALLOW RABBET TO SET THE SELF
ADHESIVE SCALE INTO

THE OVERALL SIZE OF MINE IS ABOUT 12 IN X 30 IN