

Pinless Bridge Drilling Jig Instructions

What's included:

- Solid aluminum jig body
- Adjustment knobs
- (drill plates sold separately)

Features:

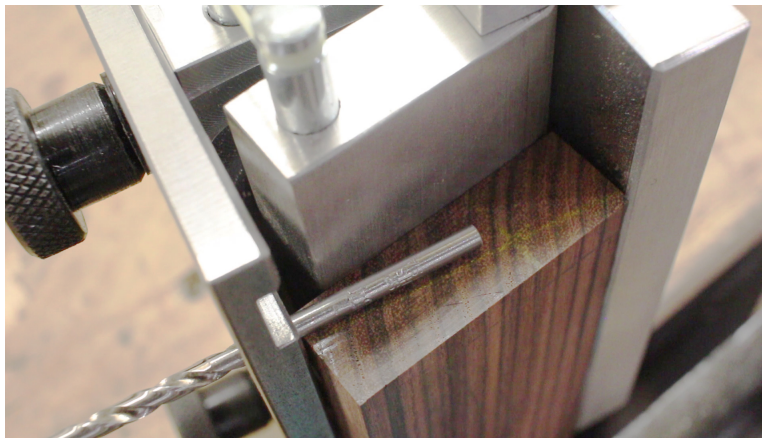
- Solid aluminum body gives a stable base for drilling
- Tilting table allows for accurately angled holes
- Moveable drill plates feature multiple holes spacing

Drill Plate Specs:

- Made of solid steel
- All spacings are equidistant
- Spacings are measured on center
- Classical spacings: 56mm, 57mm, 57.5mm, 58mm, 59mm, 60mm
- Classical holes size: 1/16"
- Steel string spacings: 2 1/8", 2 5/32", 2 3/16", 2 1/4", 2 5/16", 2 3/8"
- Steel sting hole size: 7/64"
- Ukulele string spacings: 40mm, 41mm, 42mm, 43mm, 44mm, 45mm
- Ukulele hole size: 1/16"

How to use:

To begin, you'll need to set the angle of your string holes. Here's a trick for setting that angle: mark the end of your bridge blank or a scrap piece of wood that's the same thickness of your bridge with the angle you want to use. With the bridge blank on the jig, insert the shank of your drill bit through one of the holes in the drill plate until it gets to the flutes. Then adjust the table until the bit matches the line drawn on the end of the bridge blank.



To align your bridge with the center of the drill plate, first mark the bridge's centerline on the blank or bridge to be drilled. This mark can then be easily aligned with the centerline on the bottom of the drill plate.

Now the bridge is centered and the angle has been set, lock everything in place with a clamp-making sure the clamp is in the center of the jig and that the bridge is firmly in contact with the underside of the drill plate.

The Pinless Bridge Drilling Jig can be used with either a drill press or a handheld drill. Regardless of which method you're using you'll want to set a depth stop. On a drill press, this can be done on the machine. If using a handheld drill, the easiest way to set the depth is by adjusting the amount of drill bit sticking out.

Now you're ready to drill. Using a peck drilling technique to clear the drill bit flutes is recommended.



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