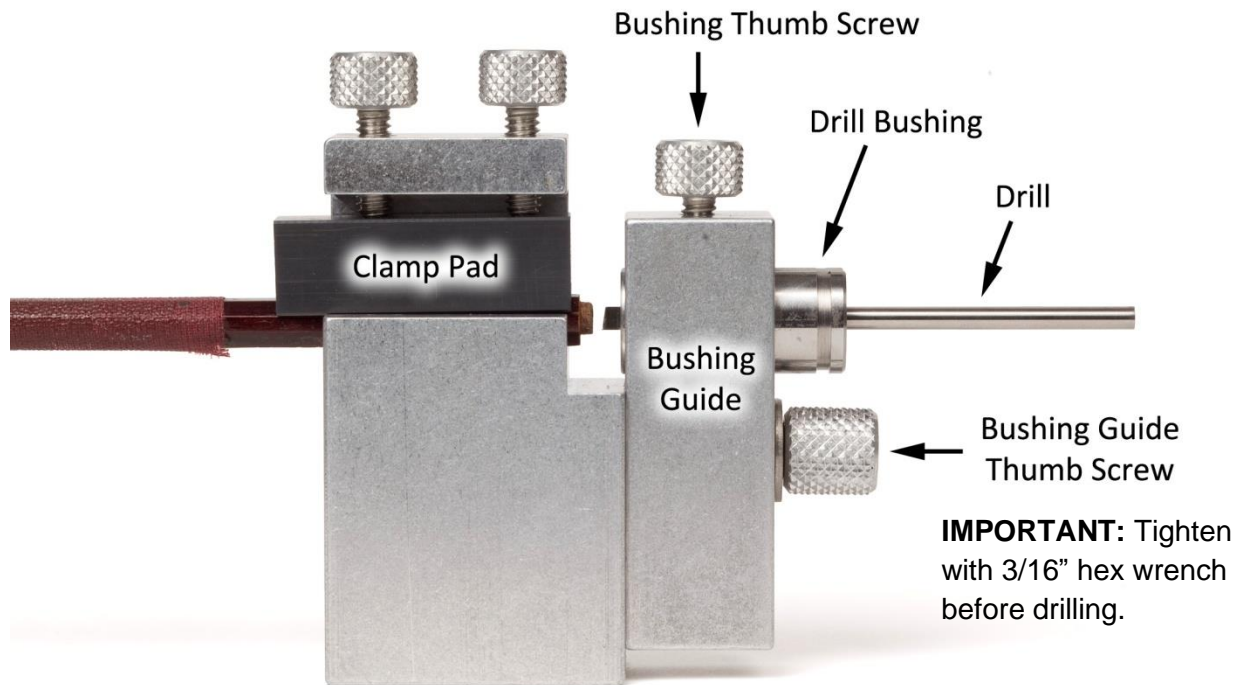


Bow Butt Drill Guide Manual



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Included Parts



All parts shown above are included with the Bow Butt Drill Guide.

Two centering tools are included: a point for centering on existing holes or center punch marks and two sizes of cups for centering on the outside of the bow.

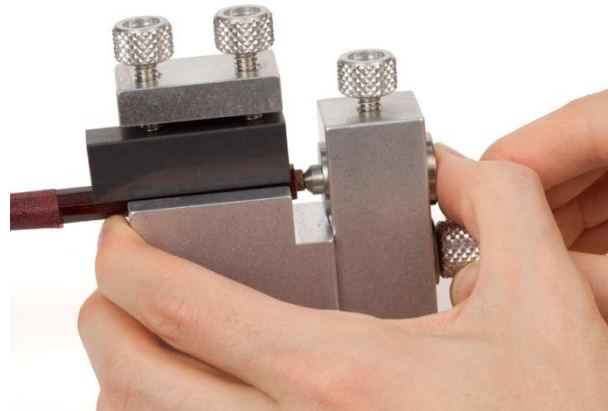
Two of the drills have 2.1mm tips for drilling the screw nose hole. One has a shaft diameter of 3.1mm and the other has a shaft diameter of 3.3mm.

Instructions

1. Clamp the end of the bow in the fixture using the large or small clamp pad.
2. Loosely insert a centering tool.
3. Partially loosen the bushing guide thumb screw so that the bushing guide floats but is still held flat against the main body of the tool by the spring washer.

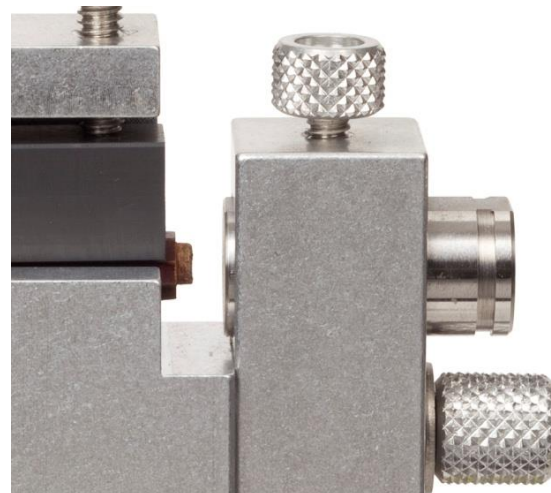


4. Bring the bushing guide into alignment with the bow while pushing the centering tool against the end of the bow, tighten the bushing guide thumb screw, and remove the centering tool.



IMPORTANT: Tighten the bushing guide thumb screw with a 3/16" hex wrench before drilling.

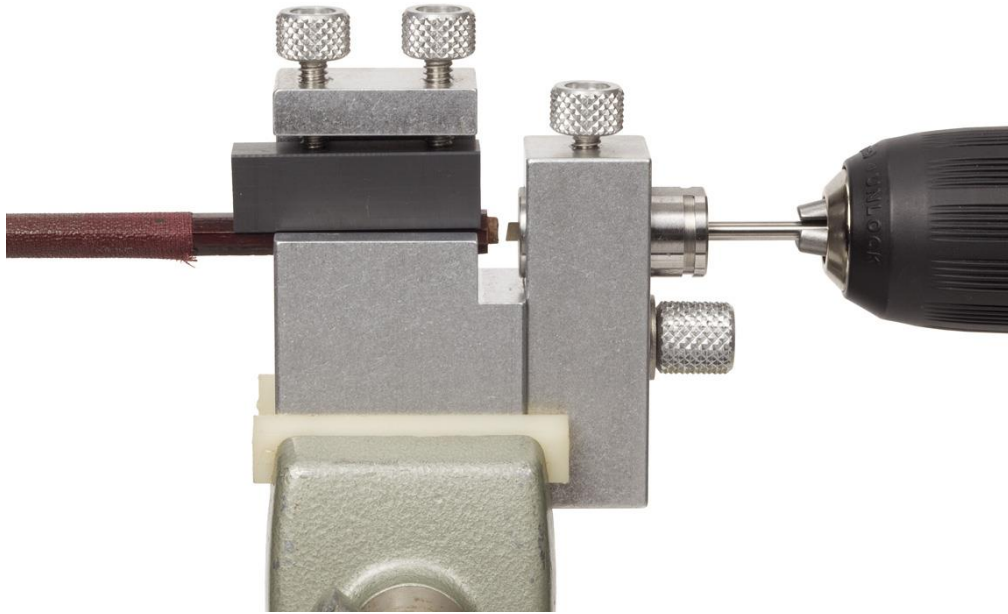
5. Insert a drill bushing with enough of a gap between it and the bow to allow for chips to escape and clamp it in place with the bushing thumb screw.



6. Select the correct size of drill for your bushing and drill the hole. The drill should fit snugly in the bushing with virtually no wiggle room.

Drill in small pecks, backing out every few millimeters to let the chips out.

The fixture is designed to be held by hand or clamped in a vise as shown while drilling.



7. Drilling of the screw nose hole can be done with the drill bushings or by using the screw hole in the bow alone to guide the nose drill with the bow removed from the fixture, thus allowing the mortise to be exposed and the hole depth to be more easily determined.