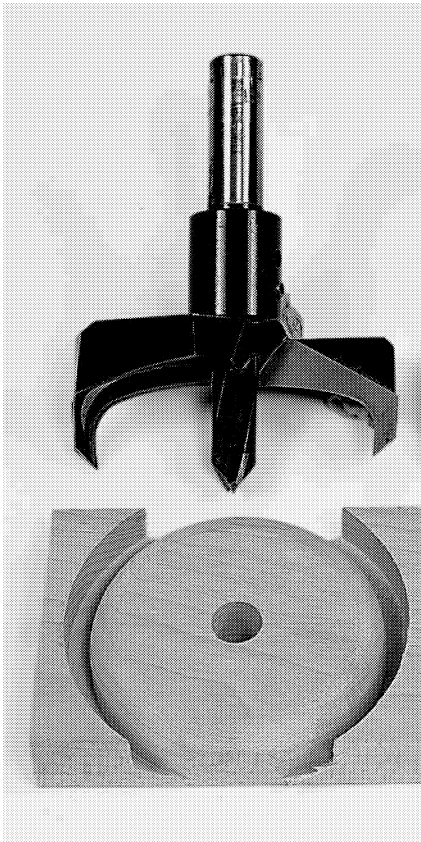


Instructions for PSI Carbide YO-YO Cutters Models #PKYOPR1 and #PKYOPR2

These carbide cutters will cut perfect smooth finished yo-yo blanks with 10-mm center holes. The cut blanks are compatible with PSI's #PKYOOYO, yo-yo kits.



- 1) Select a hardwood board that is 2-1/2" or wider such that the cutter is cutting across the face grain of the wood. Plane the board to exactly 5/8" thick. Tight grained hardwoods such as Maple, Mahogany, Birch, and Cherry work best, some tear-out is possible with Red Oak.
- 2) Mount the yo-yo cutter into a drill press (or milling machine) that will accept its 1/2" shank. You will not be able to use the cutter in a hand drill.
- 3) Use a few drops of glue between the turning stock and a larger wood base of scrap wood; let this dry. Make sure the glue is on the wood where the blank will be cut. It is important that the blank is perfectly square to the drilling path.
- 4) Set your drill press to a slow speed, 300-600 RPM. Turn on your drill press and feed the cutter slowly and carefully into the wood blank., let the cutter do the work. Aggressive feeding will cause the cutter to jam into the wood. It should take about 1 minute to complete the blank
- 5) Cut your yo-yo blank while glued to the back-up wood. When the cut is complete, separate the two pieces of wood to continue working on the finished Yo-Yo blank.
- 6) After the cutting, the blanks can be mounted on a lathe with PSI's yo-yo mandrel #PKYOMAN for final finishing..