

Basics Pizza Cutter Kit

PIZ-CUT-SS

william wood-write

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Recommended Supplies:

3/8" x 16tpi threaded mandrel (BSMAND-38-16)

11/32" Drill

3/8" x 16tpi tap set

Min. blank size: 1-1/2" square x 5-1/2" long

Jacobs chuck (drill chuck) or collet chuck

60-degree live center

2-part epoxy glue

Optional: Threaded brass insert (BS-INS-1)

Sold separately - see "Notes" below.



Notes: You can use a threaded brass insert (BS-INS-1) instead of tapping threads into the wood. Drill a 33/64" hole, 3/4" deep on one end of the blank. Use 2-part epoxy to glue the brass insert into the hole. Make sure the top of the insert is flush with the end of the blank. Be careful not to get glue inside the insert. Once cured, thread the brass insert onto the mandrel and move on to "Turning the Blank". Once finished, the handle end of the insert supplied with the kit will thread directly into the brass insert.



Threaded brass insert
(BS-INS-1)

Preparing the Blank:

1. Select a blank that is a minimum of 1-1/2" square x 5-1/2" long. We recommend a finished handle length of approximately 5" for comfortable use. You will be parting off about 1/2" of material used for support while turning.
2. Mark the center on one end of the blank and drill an 11/32" hole, 3/4" deep.
3. Using a 3/8" x 16tpi tap set, slowly and carefully tap the hole in the blank.
4. Thread the end of the mandrel into the tapped hole until the blank meets the round stop collar.

Turning the Blank:

1. Mount the chuck onto the headstock of your lathe and secure the shaft of the mandrel in the chuck.
2. Support the other end of the blank with a live center in the tailstock.
3. Turn the blank to your desired profile. Shape the end of the handle as much as you can without parting off the 1/2" support section yet.
4. Sand the blank.
5. Carefully part off the 1/2" support section and sand the end of the blank smooth.
6. Apply the finish of your choice. Be careful not to apply too much pressure to one side of the blank. Keep pressure as balanced as possible.
7. Once the finish is cured, unthread the finished handle from the mandrel.



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Assembling the Kit:

1. Unscrew the threaded insert from the pizza cutter head. Set the rubber washer aside.
2. Glue the larger end of the insert (3/8" x 16tpi) into the hole of your turned handle. Place a small amount of glue into the hole and thread in the insert. We recommend using 2-part epoxy so that you have time to thread the insert in carefully.
3. Once the glue has cured, thread the pizza cutter head and rubber washer into the smaller end (M8 x 1.25tpi) of the threaded insert.

