

CLASSIC STAINLESS PIZZA CUTTER

Kit Features

- Easy to Turn as Closed End Handle with Bushing using the Handle Anything System
- Minimal Parts--easy to assemble
- Stainless Steel for safe food contact
- Protective Cover included

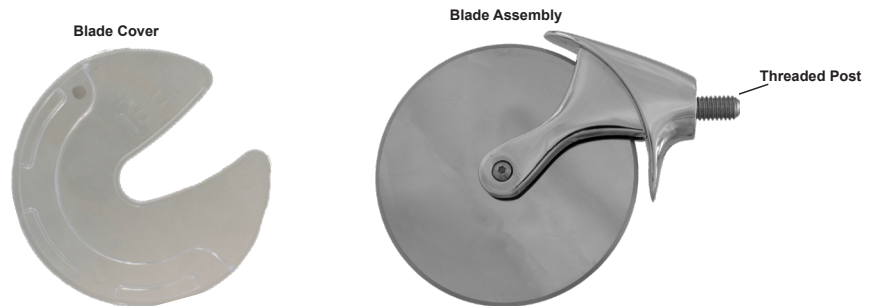
Required Accessories

- Items marked with * come included in #PKHABS Bottle Stopper Set.
- Handle Anything Chuck: #PKHA01*
- 3/8" x 16tpi Mandrel: #PKHA02*
- Bottle Stopper Inserts: #BSERT*
- Drill Bit: #PKDB12*
- Bushing Set(2pc): #BS11GSBU (Use larger bushing)
- Live Tailstock
- 2 part Epoxy (CA is not recommended)
- Blank Minimum Size: 1-1/2" x 1-1/2" x 5"L

Note that it is possible to turn this project using a bottle stopper chuck, but you will lose the ability to trim or use bushings and a caliper will be necessary because this project diameter (see bushing) is smaller than the bottle stopper chuck diameter. Refer to instructions for BS1.



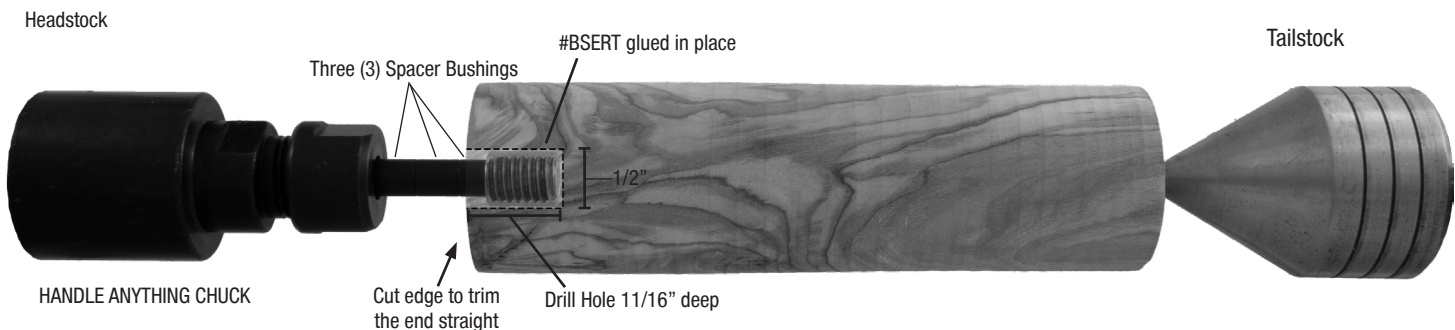
Diagram B / Parts Layout



Preparing the Blank:

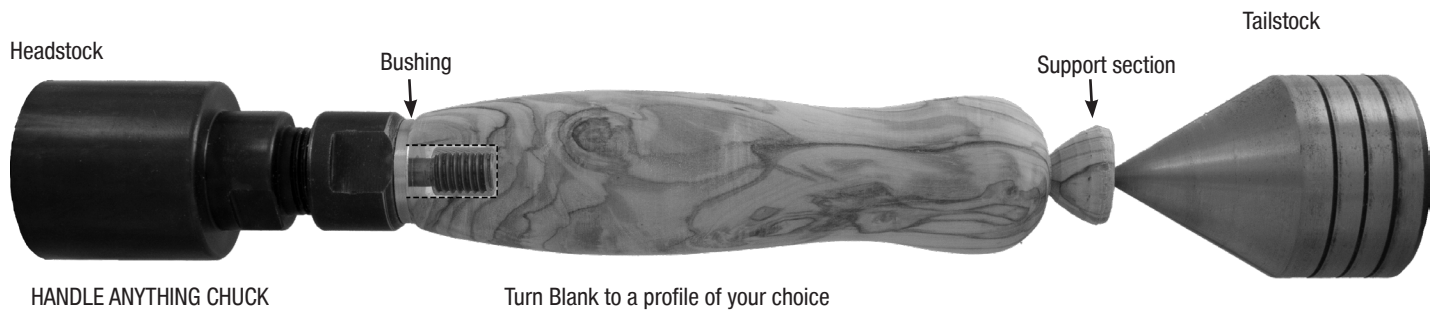
- It is highly recommended to read and understand the instructions fully before cutting or turning this project.
- Blanks should be long enough and wide enough to feel comfortable as a handle. 5" minimum length is recommended. 1/4" to 1/2" will be needed for support section.
- Drill 1/2" hole 11/16" deep in one end of blank.
- Mix a small amount of epoxy. Smooth epoxy into hole so hole is coated in a thin layer. Spread a light amount onto Insert. Smooth so epoxy is pushed into the knurling. Push insert into hole until it bottoms out and allow glue to cure. A 3/8" bolt is helpful here as an insertion tool.

Diagram C / Trimming the Blank:

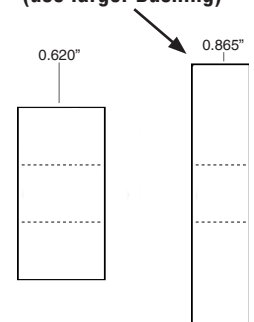


Trimming the Blank:

- Slide three standard 7mm bushings (#PKM-BUSH3) as spacers onto the back of the 3/8" Mandrel Rod. (See Diagram B).
- Thread the blank onto Mandrel until tight. Slide Mandrel into Chuck.
- Bring Tailstock up to the blank and advanced tailstock point into end of blank.
- NOTE: Do not try to bend the blank to force the tailstock to a pre-marked center, it will cause the final piece to be off. Allow the Tailstock to naturally penetrate at the center of rotation on the mounted blank.
- Tighten the collet using 7/8" wrenches.
- Rough turn blank. Reduce a minimum of the last 1/4 inch of length as a support section.
- Use a parting tool or skew to trim the Headstock end of the blank so it is 90° to the side of the blank. Only remove enough material to make sure edge is trimmed and straight. Do not remove too much or you might reduce the depth of the hole too much.
- Loosen Collet and remove Mandrel Rod.
- Slide the three standard bushings off.

Diagram D / Turning the Blank:**Turning the Blank:**

- Mount the bushing and blank according to Diagram C. To ensure tightness, do not fully thread the Blank onto the Mandrel at first and leave the Chuck Collet only hand tight.
- Slide the Tailstock up and return point to the same spot in the support section.
- Lock Tailstock and hand tighten the quill adjustment to make sure all parts are firmly against the Chuck and Bushing.
- Tighten Chuck Collet with 7/8" wrenches and turn Handle Blank to fully tighten against Bushing. Adjust tailstock if necessary
- Using sharp tools, turn the blank down close to the bushing diameter on the headstock end. Turn the barrel straight or to a profile of your choice. **Do not part off the Support section until almost all sanding is done.**
- Sand the blank down to be flush with the bushing, gradually increasing sandpaper grits.
- Carefully part off the support section, either with a parting tool or a skew. Shape the end as much as possible before the support section fully separates.
- Note that once Tailstock support is gone, it is not advisable to place too much sideways pressure. Avoid pushing in one only one side when applying friction polish or sanding. Use more of a wrapping and gripping pressure.
- Sand the end of the Barrel, increasing grits and moving up handle with higher grits to blend in.
- Finish the barrel using your choice of polish. Keep in mind that food related items are subject to washing. Finishes should be able to survive hand washing and be refreshed. #LBUFFOIL is an example of a finish meant to be used on items subject to these conditions.
- Allow sufficient time for the polish to cure—refer to polish manufacturer's instructions.

Diagram E/ Bushing #BS11GSBU (use larger Bushing)**Assembly:**

- Unthread Handle from the Mandrel. Use a rubber grip (such as a jar opener pad) if needed to help in making sure it comes off with little damage.
- Thread the Handle on to the Thread post on the Cutter Assembly.
- Slide Blade Cover over the Blade.
- Note that the Cutter should not go in a dishwasher both to avoid damage to the blade and to the wooden handle. If you wish to avoid getting the handle too wet, remove Cutter assembly to wash separately and quickly clean handle with mild soap and water, drying thoroughly.