

OctaTool - Mini Carbide Pen Turning Tool

For your Safety

- Read this guide before using The OctaTool
- Always maintain tool flat on tool rest
- Never use tool with the handle below level of tool rest
- Set tool rest height to align top of cutter on center
- Read and understand your lathe's owners manual
- Secure work piece properly
- Use the right tool for the job
- Do not force the tool, give it time to cut
- Do not use chisels with a dull cutter edge
- Wear safe clothing and eye protection

GETTING STARTED WITH THE OctaTool

This tool is the most unique turning tool that you may have ever used. Follow these steps for great results. Minimal or no sharpening with 8 cutting edges.

A) Maintain all tools flat on tool rest –

Place your front thumb on top of the tool bar and apply downward pressure. If you find the tool to be unstable during a cut – STOP cutting and reposition the tool flat on the tool rest . Flat is a requirement for safety and proper performance .

B) Maintain all tools level to the floor -

Use the hand you grip the handle with to maintain the tool level. Be sure to maintain a relaxed handle grip

C) Turn at work piece center -

When you first begin set the height of your tool rest so the top of your cutter is at the work piece center when the tool is held level to the floor. This is easily accomplished by using the point of a drive center in your headstock spindle for reference. Once the tool rest height has been determined

Using the OctaTool 8 Position Cutter

8 sides are provided for best roughing and finishing results

A) Roughing – Start with the cutter at position 1. It's ok to take aggressive cuts to bring the work down to nearly round. Keep your cuts straight until your work is turned down to the general diameter of the finished work.

B) Finishing – With the edge you'll be able to turn profiles and final finish your blank without gouging your work. Move the tool slowly for smooth results.

C) Changing Cutter positions—Loosen the Torx Screw with the Torx wrench (located at the back of the handle). Rotate to the next numerical position. After you've used all 8 positions, either sharpen or replace the cutter.

D) Maintaining the Torx Screw—Clean out the socket of the screw to the point you can see the bottom of the socket before inserting torx wrench. This allows the wrench to make full contact with the screw . Do not over tighten the screw . Lightly grease your cutter screw threads – Each time you replace a cutter, use the new screw provided and lightly grease the screw threads.

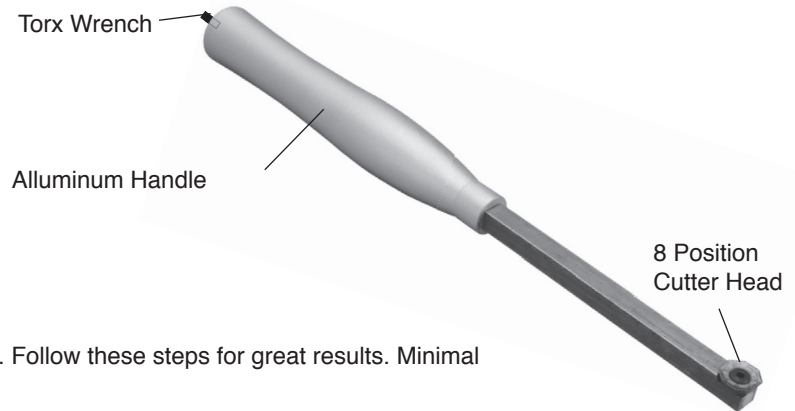
E) Sharpening the Cutter—Place top surface on a flat diamond file and rub till sharp. Use PSI #LCCFILE or similar.

Accessories:

Replacement Cutter Head #LX194

Replacement Torx Wrench and Screw #LX195

Magnetic Chip Deflector #LXPMCD



8 Position Cutter Head

