



For all your woodturning needs!

**1-800-565-7288**

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# Termite

## Included with this Product

No. 1 Termite Bit

(Part No. 2161)

No. 2 Termite Bit

(Part No. 2162)

Grinding Block

(Part No. 2164)

Mounted Grinding Point

(Part No. 2166)

Handle and Shank

### Accessories

A No. 3 Termite Bit (Part No. 2163) is also available.

*Any of these pieces may be purchased separately.*

## End Grain Hollowing Procedure

### TO DEVELOP THE REQUIRED DEPTH

Start with the tool tip on its side and just behind the centre with the right angle edge facing you and the handle pulled forward about 15 to 20 degrees. See figure A.

Now with your left hand pull the tool into the centre of your wood and keep pulling toward you until about 1/8" deep. Now push the handle away to where it's in line with the lathe bed and keep pulling the tool tip toward your body at the same time until you are at the required diameter.

Repeat this until you are at the depth you wish. See figure B and C.

Note: For deep holes, it's a good plan to drill a 1/4" dia. hole to the depth you wish to hollow. For shallow holes where the depth equals the diameter, this is not necessary.

### HOW TO CORRECTLY START A CUT

Imagine you have an eyeball in your belly button. When you place the tool into the vessel, you should be able to see through the ring with it. If you can see through the ring from the ceiling, this is very bad!

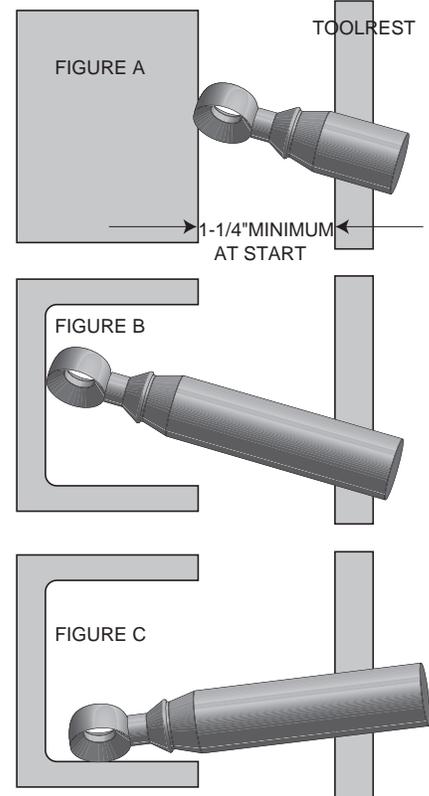
Take the tool to the lathe (with the lathe stopped). Place the tool inside the vessel and rotate the spindle / vessel by hand. Now you can try different presentation angles and learn how catches happen. As long as you don't turn the ring up too far, the tool is just about catch free. The downside is that as you turn the ring up, you can achieve heavier cuts. We recommend turning the ring up until the chips just start to go thru the ring, and then rotate the ring back down until the chips flow across the face of the ring (and not through it). This is a slightly lighter cut, but you won't have to unclog the ring due to build-up.

### TO FINISH THE SIDE

Rotate the tool tip down and the handle up and listen for the hiss which tells you a nice light scraping cut is happening. For shallow holes you should, by carefully watching your tool tip, be able to continue the shearing cut up the side to give a finish requiring little or no sanding.

Note: The Termite, because it works best in a pivoting motion, likes a bit of room between the tool rest and the part you are turning. A good distance is 1-1/4" to 1-1/2". I know this is contrary to everything you ever learned, but trust me on this one. Give this TERMITE some space and it will work wonders like you never dreamed possible.

## VIEW FROM ABOVE



## End Grain Turning - Outside

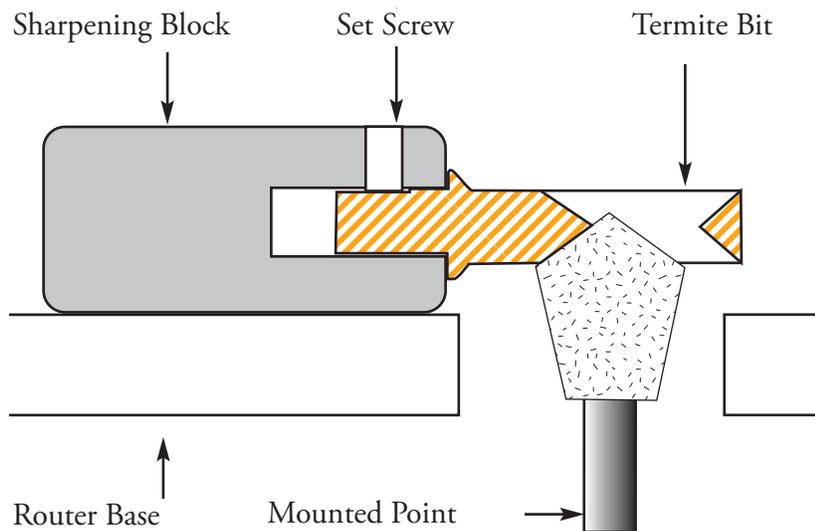
Your TERMITE will also be very useful on end grain work outside. Try it on facing cuts and pommels. You'll be pleasantly surprised at how clean it cuts. Cutting action for pommels is much the same as for hollowing. Rotate the tool at about 15 degrees and push it across the grain.

**Note:** The clean cut is caused because little or no heel pressure is used. This prevents crushing or tearing of the wood as is found with other tools. Don't be afraid to use the TERMITE for finishing cuts on the bottom of board grain bowls or to face platters if you can reach with it. It will do a better job than most other tools you've ever used.

## Sharpening

You can use the TERMITE right out of the box, but like other tools it requires maintenance. It is for this purpose that we have supplied you with a mounted point and a grinding block. You will also need a router (NO, a drill press won't do unless you have one that puts out the required 16 000 - 30 000 RPM).

Remove the TERMITE bit from the handle with the 1/8" wrench supplied and mount it in the side of the grinding block. With the block as your guide, set the mounted point in your router to a height where the tip just protrudes up through the centre of the TERMITE bit. Start the router and move the inside of the mounted TERMITE bit in small circles around the point to touch all sides until the tool is sharp. Keep the TERMITE cool by dipping it in water often. **Do not grind the outside** as this will destroy the desired geometry.



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### A Word of Caution

1. Do not plunge feed the TERMITE bit onto the mounted grinding point. It will destroy the point and/or produce a very rough finish on the TERMITE.
  2. Wear proper safety protection equipment when using or performing maintenance.
  3. If your mounted grinding point becomes dull or loaded, while rotating, clean it with either sandpaper or a dressing stick available at good industrial supply houses or from your *ONEWAY* dealer.
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