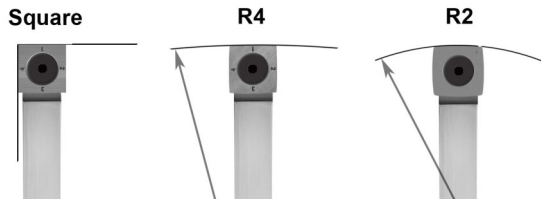


10. Is Genuine EWT Carbide as sharp as High Speed Steel (HSS)?

Yes, and our edges last MUCH longer. Our customers can assure you that Genuine EWT Carbide is certainly razor sharp to cut most any wood cleanly, and is also durable enough for acrylics, stone, antler and bone.

11. Can you explain the different cutters available on the Easy Rougher tools?

One tool - three cutter choices



Used for roughing and when you need a dead square inside corner.

Used for roughing and inside work on larger bowls.

Used for finishing and inside work on bowls.
We recommend R2 cutters for just the last few cuts.

12. Why are the R2 and R4 cutters curved?

We offer cutters with a curve to them to get the corners out of the way for final shaping cuts and finish cuts. Think of it like sweeping the wings back as you generally find on a bowl gouge. This results in a tool that is overall friendlier to use.

13. Why would I need a chip deflector?

When using our tools for any cuts, but especially plunge cuts, the Deflector keeps the wet and itchy shavings from coming straight back at you and down your collar. The Deflector just eliminates one more issue that reduces your woodturning enjoyment. The Chip Deflector is not meant to replace safety glasses.

14. Can I use EWT tools on segmented projects?

Yes. The straighter edges of an Easy Rougher are best for flat-tening segmented layers. The round cutter of an Easy Finisher will make shaping your work and the interrupted cuts, as you round your project, super easy to accomplish.

15. Can I use EWT tools on end grain projects?

Yes, EWT tools do fantastic on end grain pieces. Just keep your tool flat on the tool rest and level to the floor on all cuts. Use a Finisher to cut from 'rim to center', or 'center out to rim' for removing the wood on the inside curves. The last cut should be 'center out to rim' on end grain work due to grain orientation. For achieving the highest quality final cut, have a spare cutter set aside that you put on the tool for only the final cuts of your project.

16. Can I?

The Can I is a fill-in-the-blank question because we know woodturners in general can be very imaginative in ways to use their tools and equipment. We do not recommend using EWT cutters or tools in any other application or conditions than what is stated on our website or printed material.

Tips and Hints

A. Producing High Quality Final Cuts

Technology has just not yet allowed for a cutting edge that will stay sharp enough after removing the excess bulk of material for an entire project and still be able to perform those most delicate final cuts but EWT customers do find that they can produce high quality final cuts with EWT tools by following these methods:

- ▶ Make a practice of having one **dedicated cutter** for making only final cuts. This cutter will stay sharp for a very long time with this light use.
- ▶ Use just the corner of an Easy Rougher **R2 cutter** for difficult grained woods.
- ▶ **Significantly reduce the rate** at which you move the tool along the cut to give the tool more time to cut as clean as possible. The slower the travel, the cleaner the final cut.

B. To ensure easy removal of your cutter retaining screw, we recommend:

- ▶ Do not over tighten screw. Just grip the **short end** of the hex wrench to lightly hand tighten the screw. This will provide adequate force to secure your cutter. Rest assured the design of the tool system will hold the cutter securely with minimal hex wrench torque.
- ▶ Lightly grease your cutter screw threads each time you replace your cutter. *Maybe even more often when turning green (wet) wood.*
- ▶ Make sure to thoroughly **clean out the hex socket** of the screw **before** inserting hex wrench. This allows the wrench to make full contact with the screw and will prevent you from stripping out the hex socket.

C. Chip Deflectors

- ▶ When making cuts on irregular shaped blanks, snug the Chip Deflector thumb screw with pliers to avoid the screw from working loose. *Do not over tighten and strip the treads from the aluminum deflector mounting block.*
- ▶ Position Chip Deflector to be looked over rather than looked through.



Frequently Asked Questions





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1. Which Easy Wood Tool should I buy?

With a little practice and imagination, each tool will make your turning experience easier and more enjoyable by being used in a variety of ways.

Here are some general guidelines:

 **Easy Rougher** tools, with their square carbide cutters, are designed for the *primary* purpose of efficiently removing the bulk of material on most any project – roughing cuts. Use an R2 cutter for final cuts outside curves on bowls and spindle work too.

 **Easy Finisher** tools, with round carbide cutters, were designed for the *primary* purpose of light finishing cuts; especially on the inside curves of bowls and spindles. You can certainly use your Easy Finisher for your bulk material removal and shaping too.

 **Easy Detailer** tools, with diamond shaped carbide cutters, were designed for the *primary* purpose of putting the final details on your project such as small beads and coves on both spindles and bowls. Very handy for cutting chuck tenons and making inside reverse angle cuts for inside chucking on bowls with dovetail jaws. This tool series **can** be used for roughing and finishing but they excel at the lighter detail cuts.

Mini Series Tools- 12" handles and 3/8" x 4" tools

Choose Mini Series Tools if you use a mini lathe and do pen work or small goblets and bowls. Reach trough 1 1/4" holes to hollow up to 2" deep.

Mid-Size Tools – 14" handles and 3/8" x 7" tools

Choose Mid-Size Tools if you use a Mini or Midi lathe to do spindle work and medium size bowls. The longer tool length and bigger handle allow you to expand the size of your projects. Also great for reaching through 1 1/4" holes when hollowing up to 3" deep and undercutting rims.

Full-Size Tools – 16" handles and 1/2" x 8 1/2" tools









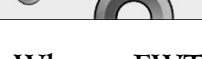
Choose Full-Size Tools to do larger projects on full size lathes. The 1/2" square tool allows you to expand your bowl sizes to take advantage of the capacity of large lathes. Great for hollowing through 2" holes up to 4" deep.

Pro Series—20" handles and 1/2" x 8 1/2" tools

For very large work. Stunning bubinga handles. Choose a 20" handle if you do bowls over 16"- 18" diameter or if you are more comfortable with a longer handle.

2. Could you please explain the cutter names?

Ci stands for "Carbide Insert. This is followed by the cutter "number" - such as 0,1,2... The "number" is just the order in which we developed the cutter. *We engrave this replacement cutter name on each tool.*

Shape	Cutter Name	Description
	Ci0	Round cutting edge
	Ci1-SQ	Square cutting edge
	Ci1-R4	Slight curve to cutting edge
	Ci1-R2	Most curve to cutting edge
	Ci2-SQ	Square cutting edge
	Ci2-R2	Most curve to cutting edge
	Ci3	Round cutting edge
	Ci4	Diamond shaped cutting edge
	Ci5	Round cutting edge

3. Why are EWT tool square instead of round?

When used just flat and level, our unique flat bottom tools and proper cutter geometries naturally present the cutting edge in the perfect relationship to the wood. All tool models allow you to cut left, right or straight in, all without you having to rub a bevel for cut control. Using Easy Wood Tools could not be more straight forward and are great for **all** skill levels.

4. What do I do when the cutter gets dull?

When an EWT cutter no longer performs to your needs, simply loosen the retaining screw with the provided hex wrench and rotate the cutter to the new edge. When you have used all of the edges, replace the cutter. (See Tips and Hints for extending cutter life)

With perfectly ground EWT carbide replaceable cutters, you don't even need to buy a sharpening system. Many customers report that precision ground EWT carbide cutters actually provide them a quality of cut that is superior to what they had been achieving with HSS tools and their own sharpening skills.

6. Can I use the round cutters on my Easy Rougher?

No. Each tool is precision machined to perfectly mate with its respective cutter. The Finishers have a **round** cutter seat and the Roughers have a **square** cutter seat. This precision tool-to-cutter contact prevents you from ever having to worry about a cutter rotating during heavy cuts. Additionally, each tool is designed to provide support directly beneath its cutting edge which transfers the cutting pressure downward into your lathe providing superior tool stability.

7. How long will the carbide cutters stay sharp?

EWT replaceable carbide cutters have an unmatched edge retaining ability and never lose proper factory geometries because you don't sharpen them. Customer testing shows several hours of turning per single cutting edge on dry hard maple. You will be happy with the edge life and value of these carbide cutters as each cutter can save you dozens of trips to a grinder allowing you much more time at the lathe.

8. What kind of carbide do you use?

Our proprietary carbide composition and grinding process is engineered exclusively for the unique dynamics of wood turning. We continually research and test emerging carbide technology to always provide you with the best carbide available.

9. Can I use metalworking cutters and get the same results as I do with an EWT cutter?

No. Carbide inserts designed for cutting steel must have a slight radius to the cutting edges in order to prevent edge chipping when subjected to the greater forces of steel cutting. This makes steel cutting carbide inserts too dull to cut wood cleanly. All EWT cutters are engineered by EWT with the proper grade, grind and geometries for woodturning.

