

## WoodRiver Garden Tool Turning Kit

Product: #160213

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### From Setup To Sanding:

These are the supplies we suggest you have on hand to complete this tuning kit:

- $1\frac{1}{16}$ " Pen Maker's Bit
- $1\frac{1}{2}$ " x  $1\frac{1}{2}$ " x 6" Turning Blocks (x3)
- Drill Press or Lathe Drill Chuck
- 5-Minute Epoxy
- Sandpaper/Micro-Mesh
- Eye & Ear Protection
- Dust Mask

### Cutting & Drilling Blanks:

Dimension turning stock to the sizes shown below. Mark centers on one end of both blanks, using an  $1\frac{1}{16}$ " Pen Maker's Bit bore a 4" deep hole for the Cultivator & Transplanter. Weeder requires an  $1\frac{1}{16}$ " diameter by 3" deep hole.

### Squaring the Blank:

Either during the dimensioning process or once mounted on the lathe, ensure that the ends of the turning stock are flat and square.

### Mandrel Preparation:

Mount the turning block on the lathe using either a 4-jaw scroll chuck or spur drive in conjunction with a 60 degree live center.

### Turning & Finishing the Blanks:

Bring the live center up to the bored hole in the turning block, centering it on the lathe, and lock into place. Turn the blank to your desired profile. With the lathe spinning, begin sanding with 120-grit paper progressing through the finer grits, finishing at 320-grit. Once finished with sanding, apply a finish of your choice.

### Assembly:

- Remove the turned block from the lathe.
- Using a 5-minute epoxy, apply adhesive to both the interior of the hole and post of the tool. Insert the tool into the handle, immediately clean up any squeeze out. Allow the epoxy to cure per the manufacturers instructions before using.

