

## Instructions for Tool Preparation and Use

Thank you for purchasing this Hurricane Turning tool. Your tool requires preparation and sharpening before use. Please read and understand the instructions below before using your tool. If you have any questions, please feel free to call for assistance (631) 421-TOOL (8665).

### Safety Warning

Serious injury can occur through improper use of tools and the lathe. Make sure you fully understand how to sharpen and use your tools to minimize the risk of injury. In addition:

- ALWAYS wear eye and face protection when sharpening and using your tools.
- Utilize all of the safety equipment that came with your equipment, particular safety shields on your grinder.
- Understand how to use your tools properly. This may require the assistance of a teacher. Local woodturning clubs are a great source of education.
- Never sharpen your tools around flammable materials and / or wood shavings. Sparks from the grinder could ignite flammable materials.
- Where proper protection when handling chemicals such as CA glue, solvents, oils and paint.

### Preparing the Tool for First Use

Your tool is protected by an anti-rust coating which should be removed before use. If not removed, the anti-rust coating will become sticky with sawdust, making the tool difficult to use properly. Removing the coating will make the tool slide easily on your toolrest.

- Outdoors and with proper hand, eye and respiratory protection, use a solvent on a cloth to wipe away the anti rust coating. Lacquer thinner works well. Wipe the tool dry.
- DO NOT use any solvent on a tool which is hot from grinding or use.
- DO NOT use any solvent around sparks from a grinder.
- Dispose of the solvent covered towel properly, away from the grinder and any other source of heat.
- When all of the coating is removed and the tool is dry, you are ready to sharpen the tool

### Sharpening the Tool

Your tool is typically shipped unsharpened and must be sharpened to be used properly and efficiently. We recommend sharpening on a slow speed bench grinder (1800 RPM). Your tool is made of High Speed Steel (HSS) and requires a high quality grinding wheel designed to sharpen HSS tool steel. Norton abrasives makes wheels designed for grinding HSS such as wheel types 38A and 32A Aluminum Oxide, SG Ceramic. There are new CBN wheels which do a great job of sharpening your HSS tools. Diamond wheels are not recommended for sharpening HSS tools.

We recommend sharpening your tools with one of the many grinding jig systems available on the market, such as the Oneway sharpening system from Oneway Tools of Canada.

**Sharpening should not be a chore and with the proper grinder, wheels, jigs and experience, putting a new edge on a tool should take less than a minute. Strive to improve your sharpening skills and you will be rewarded with maximum performance from your tools.**

**Remember, a properly sharpened HSS tool cuts far more cleanly than a carbide tool and even one of the "super" tool steels than have been used for a long time.**

There are many resources available for learning how to sharpen your tools. If you need assistance, please give us a call



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Search: "The Woodturning Shop"