

Carter products

The AXE™ Woodturning Tools

The AXE™ Difference:

Carbide tools are nothing new, they've been used in metalworking forever and in woodturning for years, thus we set out to create something unique and user friendly. The early design and feedback from testers indicated that wood was the preferred handle material, and although we had initially envisioned a modular metal design with interchangeable tool bars, most of our testers indicated they didn't want to stop working to change bars in and out, they just wanted to grab a tool and go! Thus, each tool is a stand-alone tool complete and ready to cut right out of the box. With further refinement we developed the Pro Series handle which is modular and can be used with not only Carter Pro bars, but also most 5/8" tool bars, from carbides to standard gouges and scrapers.

Handle and Bar Design:



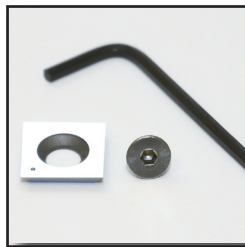
The first departure from traditional woodturning tools is the handle with its flat sides and angled rear. Instead of just going round like everyone else on the market, we took the time to research a new unique design that is frankly more comfortable than most handles on the market, but with a functional purpose as well. The taper and flats on the rear not only allow for a more comfortable grip, but on the round, square and Keith Lackner and Ron Campbell Pro tool they allow for positive angle registration when sheer cutting with the tool slightly angled. To facilitate the transition of sheer cutting, both the round, square, Keith Lackner and Ron Campbell Pro bars have flat bases with slightly radius edges to allow smooth flowing movement from flat to angled. The flats on the handle also allow the user to determine the tools sheer angle when doing interior cuts that may not be as visible like when turning bowls. Unlike other tools recently released on the market our sheer angle isn't fixed as your approach on the work piece isn't fixed nor are the angles of the piece you're working on. So, after months of testing it was determined that no one single angle is best for all sheer cuts so rather than have a fixed angle the AXE's radiused edge allows infinitely adjustable angles based on preference and work piece contours. Don't get stuck with a manufactures' suggested angle, determine the angle that best works for you and your piece. We also found that rolling the edge from cut to sheer created a smoother surface which is harder to accomplish with a fixed angle or square cutting bar. The diamond tool, which isn't intended to be used at an angle, is completely flat on the base. So, when you combine the enhanced control and comfort handle with the radius edge bars we've set a new standard in carbide tools.

see reverse

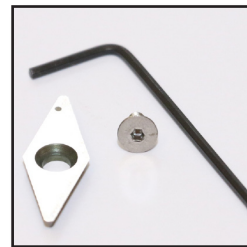
Cutter Design:



Round Cutter



Square Cutter

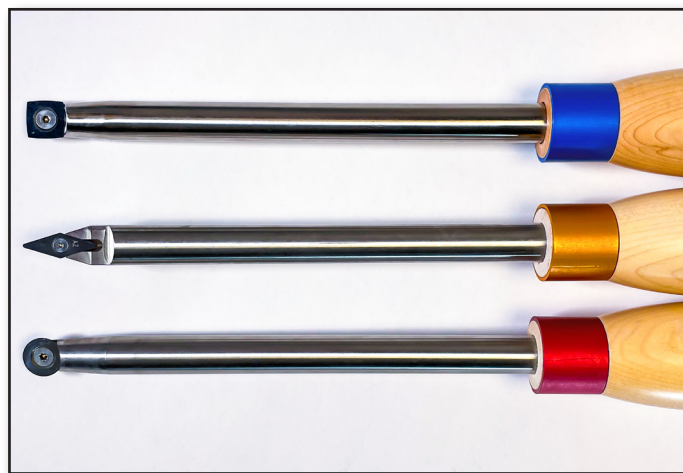


Diamond Cutter

The super sharp cutters designed for the AXE are long lasting, but affordable to replace. The square tool also has the added benefit of coming stock with two bits (a \$17 value). The square ships with a rounded square installed and a true square second bit. The round and Diamond tools also ship with an additional spare bit for an added \$17 value with each tool. All bits have the virtue of being able to rotate to a new cutting surface when they are no longer cutting optimally, to give you extended use, but again affordable replacement when needed.

Easy ID:

The next feature, which was highly requested, was the quick identification feature we incorporated into the ferrule of the handle. All tools in the AXE line will repeat the same color code throughout the line. Thus, any size tool with a gold ferrule will be a detail tool. Any tool with a red ferrule will be a round tool, any tool with a blue ferrule will be a square tool, and any tool with a stainless ferrule is the Pro Series. This way, at a moment's glance to the tool rest, the correct tool can be found every time. As we add other shapes or cutters, new colors will follow but remain consistent within the entire AXE line.



Made in the USA and Overbuilt for longevity:

Other notable features that this tool has are as follows. It's made in the USA right here in Grand Rapids, Michigan. The bar is full stainless steel for corrosion resistance and unlike some tools it is over built with the main bar inserted into the handle a full 5" for added strength, balance and long-term durability. The handle is solid hard maple, sourced and machined also in the USA.

Affordability without sacrificing quality:

By far the biggest selling point on top of all the revolutionary features already listed is that our introductory MSRP price for the tools. For a MADE IN THE USA, full sized tool this price is significantly less than almost any other carbide tools on the market even without the above-mentioned features.



Still have questions? Call toll free 888.622.7837 and speak to a customer service rep!

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