

DIAMOND SHARPENING SOLUTIONS

A precision range of quality Diamond Whetstones for all your sharpening needs.

- **Double-sided.**
- **Fine & Coarse grits.**
- **Unprecedented 5 year warranty.**
- **Excellence in Engineering Award.**
- **Suitable for all Hand Tools.**
- **Carbide & HSS.**
- **Woodworking, Turning, Carving, Gardening & Domestic.**

Working in association with Trend, James Barry has not only developed a complete range of precision quality diamond files, bench and slip stones but also a comprehensive range of sharpening solutions for all hand tools. You can view these DVD clips on-line or by accessing the Trend website, his philosophy is simple and easy to follow: *"Maintaining your tooling yourself prolongs its life, improves efficiency and saves money. Do not be frightened or wary of the concept of 'in-house maintenance', it can be straight forward and easy. Businesses, tradesmen and hobbyists are looking at ways of reducing their costs and overheads, it is no longer a disposable society that we live in. The ability to be able to sharpen easily in seconds with precision diamond whetstones from Trend achieves this aim. They are used worldwide by professionals, tradesmen and hobbyists alike. Sharpening is not rocket science and it is not complicated, it can be simple and easy, anyone can do it."*



Sharpening expert James Barry

Search

James Barry Sharpening

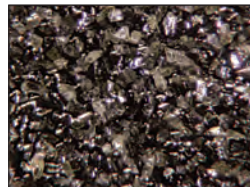


Technical Information, Specifications & Maintenance

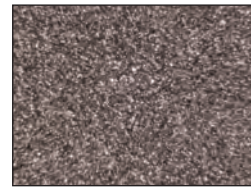
Construction

Monocrystalline micronized diamonds are electroplated onto a **precision substrate** pre-ground to $\pm 0.0005"$. Electroplating produces very durable products, hence an unprecedented 5 year Warranty. After years of research the following micron sizes of diamond have been chosen as the optimum for performance for the great variety of hand tools that can be sharpened using this precision range. The diamond is set into nickel, 2/3 buried and 1/3 exposed (locked in like an iceberg), thus the 1000 grit surface, 15 micron, has a sharpening medium of **5 micron**.

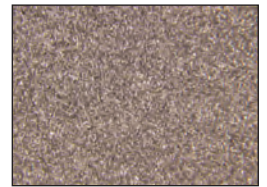
Tip: Use little pressure, let the diamond do the work, use the weight of the tool only on the surface of the stones.



Coarse 50 Micron/300 Grit



Fine 25 Micron/600 Grit



Fine 15 Micron/1000 Grit

Coarse: 300 grit, the micron size for the coarse cut has been chosen to optimise the speed of cut for when large stock removal is required. It is also an ideal grit size for flattening the backs of chisels and plane blades. It is also the popular choice for general joinery/site work and several applications in the woodturning industry. Ideal for all HSS products.

Fine: 600 grit is the most suitable grade for general fine sharpening. Ideal for Carbide router bits, turning tool inserts and circular sawblades.

Fine: 1000 grit is perfect for producing razor/polished edges. Still with a very fast speed of cut. Ideal for carvers, cabinet makers, hunting knives, all fine woodworking.

Maintenance/Trend Lapping Fluid

Trend Lapping Fluid should be used in conjunction with the cleaning block which will benefit the product and greatly lengthen its exceptional life span. We recommend that you use lapping fluid as a lubricant and NOT water or water based products on all diamond products to prevent rusting and clogging. Lapping fluid prevents the build-up of residue which occurs when

sharpening. Trend lapping fluid was designed in the engineering industry more than 35 years ago solely for use on diamond abrasives. The Trend cleaning block is similar to a drawing office eraser, it needs to be of this consistency i.e. soft, white and putty like. If the surface of the stone becomes discolored after constant use the cleaning block perfectly restores it.

Warranty/Guarantee

Use Trend lapping fluid to give an unprecedented 5 year warranty on all the products in the Trend range of precision diamond whetstones, slip stones and files.