

The Honing of Cutting Tools

Section 5

Pressure blasting of cutter honing is quick and economical. Employing extremely fine abrasive grains agitated in water and “blown” against the work by means of compressed air, burrs, feather edges and grind lines are removed and blended without danger of stock removal or dulling or the cutting edges. The resulting finish is smoothed and has a satin appearance on both the carbide and high speed steel. A corollary effect of Pressure Blasting is the excellent lubrication retentive surface which is impaired. In those shops where high speed steel cutters are chrome plated, Pressure Blasting prior to plating offers a near perfect surface for a good bond. Pressure blasting after plating insures instant wet ability.

General surveys show that cutter life can be extended on all cutting tools from 100% to 1800%. Here is a list of typical tools which have been Pressure Blasted:

- Traps
- Reamers
- Broaches
- Milling Cutters
- Hobs
- Gear Shapers
- Drills
- Form tool
- Punches
- Saws
- Etc.