

Poly Crystalline Diamond Tooling

A favorite tooling solution for some of the most powerful participants in the manufacturing industry, PCD Tooling is guaranteed to produce a high accuracy, extended life tool for machining non-ferrous materials. Sharp cutting edges are created by bonding carbide with diamond micro grains resulting in material stronger than natural diamond.

- Extreme Tight Tolerances
- Maximized Manufacturing Time = Less Down Time
- Engineered and Designed to Fit your Operational Needs
- Regrinding and Re-tipping options available
- Highly Abrasive, Eliminating Secondary Operations Such as Deburring and Surface Grinding

10 - 300x the extended tool life
of a standard cutting tool

Value We understand the value of tooling tolerances and work one on one with each of our customers to breakdown and solve manufacturing roadblocks.

All of our tools are 100% inspected pre and post production. We provide specialized quality procedures for you to receive the best tooling solution for your application.

CONTACT US:

937.865.5934

info@webctg.com

LEAD TIMES

New Tool: 60 - 90 Days

Regrind: 2 - 3 Weeks

Re-Tip: 4 - 6 Weeks

(lead time may vary by tool)

INDUSTRY FOCUS

AEROSPACE

Composites and Epoxy Resins

Fiberglass, Aluminum, and Si-Aluminum

Cowlings and Wing Tips

Trim Panels, Floor Posts, and Structural Components

Ducting

AUTOMOTIVE

Breaking Systems: Master Cylinders and Break Components

Aluminum, Si-Aluminum, Plastics, and Rubber

DEFENSE

CFRP and GFRP Materials

MMC and CMC Materials

Graphite, Kevlar

Tight Tolerance Required Manufacturing

ENERGY

Carbon and Graphite

Pump Housings

Blades and Mechanical Assemblies

Valve Assemblies