At Abrasive Technology, we’re focused on producing the best superabrasive grinding wheels and tools for your application needs.

**P.B.S.® & ELECTROPLATED SUPERABrasIVE WHEELS & TOOLS**

**P.B.S.® BRAZE**

First patented by Abrasive Technology in 1975, this original brazed bonding process uses a nickel chrome alloy to chemically bond superabrasive crystals to the substrate. This proprietary process promotes high diamond exposure with no stripping or peeling, allowing for:

- Aggressive tools that last longer, cut faster, run cooler and load less
- Exceptional speed and efficiency for composite applications
- Maximum exposure of diamond crystals, engineered for fast stock removal
- Machining tough-to-cut materials where fast stock removal and deep cuts are required
- Custom-manufactured tools in special non-standard sizes and forms for tight tolerances
- Stripping and recoating the core

Abrasive Technology recommends P.B.S.® tools for non-metallic materials like fiberglass, carbon fiber composites, friction material, FRP, graphite, graphite epoxy, honeycomb and other composites.
At Abrasive Technology, we’re focused on producing the best superabrasive grinding wheels and tools for your application needs.

**Electroplated**

Electroplated bonds mechanically entrap diamond/cBN particles on the tool, making them ideal for:

- Manufacturing tight tolerance forms
- Freer cutting, resulting in higher material removal rates
- Holding form or profile from first cut to last cut
- Eliminating time associated with dressing
- Stripping and replating the core

Abrasive Technology recommends precision plated products for grinding materials, such as nickel-based superalloys, engineered ceramics, cobalt-based superalloys, ferrous alloys, W C (finishing operations) and tungsten carbide.