

// Challenge: Satisfying the high volume finishing requirements for the complex form geometry on a hard carbide pin application. This compliments the PG-9DOD Carbide Pin roughing operation.

// Solution: The Glebar GT-610 Infeed Centerless Grinding System addressed the challenge. As the second process to the PG-9DOD roughing operation (see case study), this machine excels at precision finishing small carbide pins at high volume. The system was configured with dual fixtures, a six-axis robot and bowl feeder – **twin assembly heads allowed for 6 part per cycle processing. System is able to process up millions of parts per year.**



- Parts are fed onto a smart conveyor from the bowl feeder. The conveyor orients and spaces the parts.
- Cameras identify imperfections. Bad parts are rejected prior to grinding.
- Twin Assembly Heads facilitate 6 part-per-cycle operation.
- Built on a granite base for optimal stability and precision control.
- Safety Enclosure with Recycling Coolant Filtration System.



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