

**// Challenge:** Infeed grinding 0.010" on two diameters over a 7" long metal drill blank in one operation while maintaining 0.0002" diameter accuracy, .00006 roundness and maintaining part straightness and concentricity.



GT-610 CNC

**// Solution:** A GT-610-CNC was employed to automatically process the part. CNC dressing was used to compensate for part deflection. Coupled with the offline P4K inspection gauge, diameter, radii and taper adjustments from the inspection system can be automatically sent back to the machine for dress profile adjustment as well as size compensation.



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