



UGC Multi-Spindle CNC ID Grinder



Multi-purpose grinder for OD, Face, and ID grinding in a single set-up

60,000 RPM spindle for OD and Face grind, 90,000 RPM spindle for ID grind, diamond hone for ID finishing



5C collet chuck with drawbar and pneumatic actuator

Customer:	Hydraulic Component Manufacturer
Application:	Precision Bushings (11L17, heat treated)
Configuration:	<ul style="list-style-type: none">• Dual grinding spindles• Honing station• 2-axis CNC; FANUC 21iTB• 5C collet chuck• X and Z axis linear scales• Machine tending robot• Single pallet station
Notable:	Blended CBN/ALOX wheels were dressed with a stationary single point diamond. OD size maintained to .00015" tolerance. ID size to .0005" tolerance then honed to .0001" and 4 RA finish.
Featuring:	Hardinge 5C collet chuck GMN high frequency grinding spindles FANUC CNC control Heidenhain linear glass scales EPSON robot with Schunk end-of-arm tooling Meister Quills and CBN/ALOX blended grinding wheels.