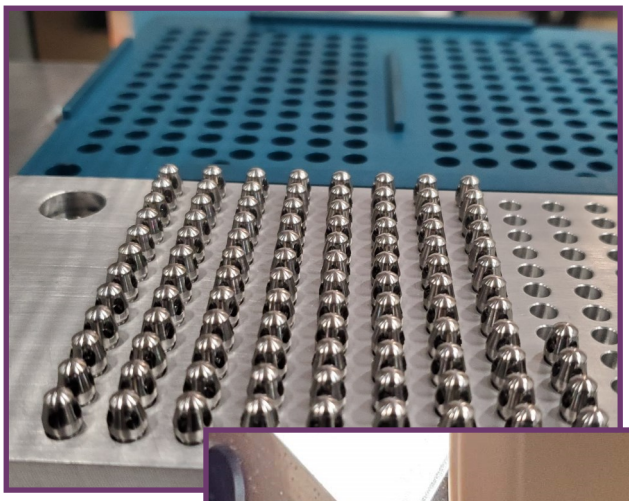
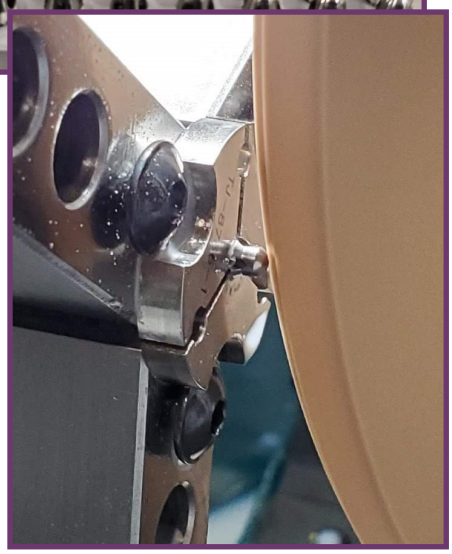
Automated AGN4 Poppet Grinder





A manufacturer of Aerospace Hydraulic Components receives their 5th Weldon AGN4 cylindrical OD grinder to satisfy their high precision grinding needs. This machine will be their 1st automated by Weldon. The machine is intended for a conventional abrasives chucking application where the seat radius of the poppets is being ground. Radii range from .070" to .120" with a true to form tolerance of .001". Machine tending is accomplish by a 6-axis, ***FANUC*** LRMate 200iD robot with vacuum end of arm tooling to load the high precision chuck. Part queuing is Weldon's dual pallet system, customized to incorporate the customer's wash trays for outfeeding, holding enough parts to satisfy the customers request of over 6 hours of unattended run time. .

System Suppliers:
Dittel acoustic emissions monitoring system, ***PRAB*** magnetic/fabric coolant filtration system, ***FANUC*** 0*i*-TD CNC control, ***Airflow*** mist collector, ***SBS*** automatic wheel balancer, ***MicroCentric*** pneumatic sliding jaw chuck

Weldon Solutions offers a full line of CNC OD, ID, and combination grinders. As a FANUC Robotics integrator, Weldon can also address your machine tending, material removal, material handling, and packaging/palletizing needs.

QUALITY, Over and Over Again.

www.weldonsolutions.com - info@weldonsolutions.com
425 East Berlin Road, York, PA 17408 - 717-846-4000

Contact Weldon today to find out how a new CNC grinder can enhance your manufacturing operation, and increase efficiency and profitability