



PRODUCTION GRINDING FACILITY



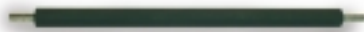
COMPOSITES



PLASTICS



RUBBER



MEDICAL COMPONENTS



METALS



WOOD



CERAMICS



In addition to equipment design & manufacturing, glebar provides production grinding service using glebar equipment.

Our engineers and grinding department have served multiple industries for decades developing experimental components in addition to long range production of parts. Our collaboration with our customers is subject to non disclosure agreements on request.

Spherical or cylindrical parts varying from the size of a bowling bowl to a 0.002" diameter guide wire can be formed from a multitude of materials at high production rates to close tolerances.



Advantages for using Glebar's grinding department:

- A broad array of centerless grinding equipment including plunge grinders, Roll grinders, thrufeed grinder, guide wire grinders, double disc grinders and ferris wheel grinders
- Extensive types of filtration equipment insuring clean coolants to produce better parts.
- Quality control using laser gauging, surface gauges, CMM (Coordinate Measuring Machine) comparators and computer generated statistical Process/Quality Control reporting, if required.
- Manufacturing facility, engineering and grinding department under the same roof, speeding up the production of custom or experimental tooling.
- One of the largest variety of grinding wheels in the industry, on the premises.
- Extensive database of tooling, development and experimental data spanning 30 years.
- 50 years of experience in grinding various materials including metals, plastics, wood (from balsa to ebony), rubber, glass, advanced ceramics, nickel titanium and composites materials of all kinds.



- Sports - Golf balls, billiard balls, bowling balls, golf club shafts, fishing floats.
- Medical - Guide wires, dilators, porous ball filters, bone screws for implants.
- Wood working - Cedar products, miniature chair spindles up to 10" long.
- Electronics - Ferrite cores, high tension insulators microwave guide tubes.
- Automotive - Brake pistons, spark plugs, transmission bushings.
- Musical instruments - Violin pegs, organ pull knobs, drumsticks.
- Telecommunication - Glass components, Quartz boules used to make fiber optic cable.
- Consumer electronics - Rubber rolls for fax machines, copy machines.
- Rubber sealing - O-Rings, check valve balls.
- Other - Pen nibs, deodorant balls and rollers, brush handles, cannula, glass stoppers and silicone nitride ball bearings.



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