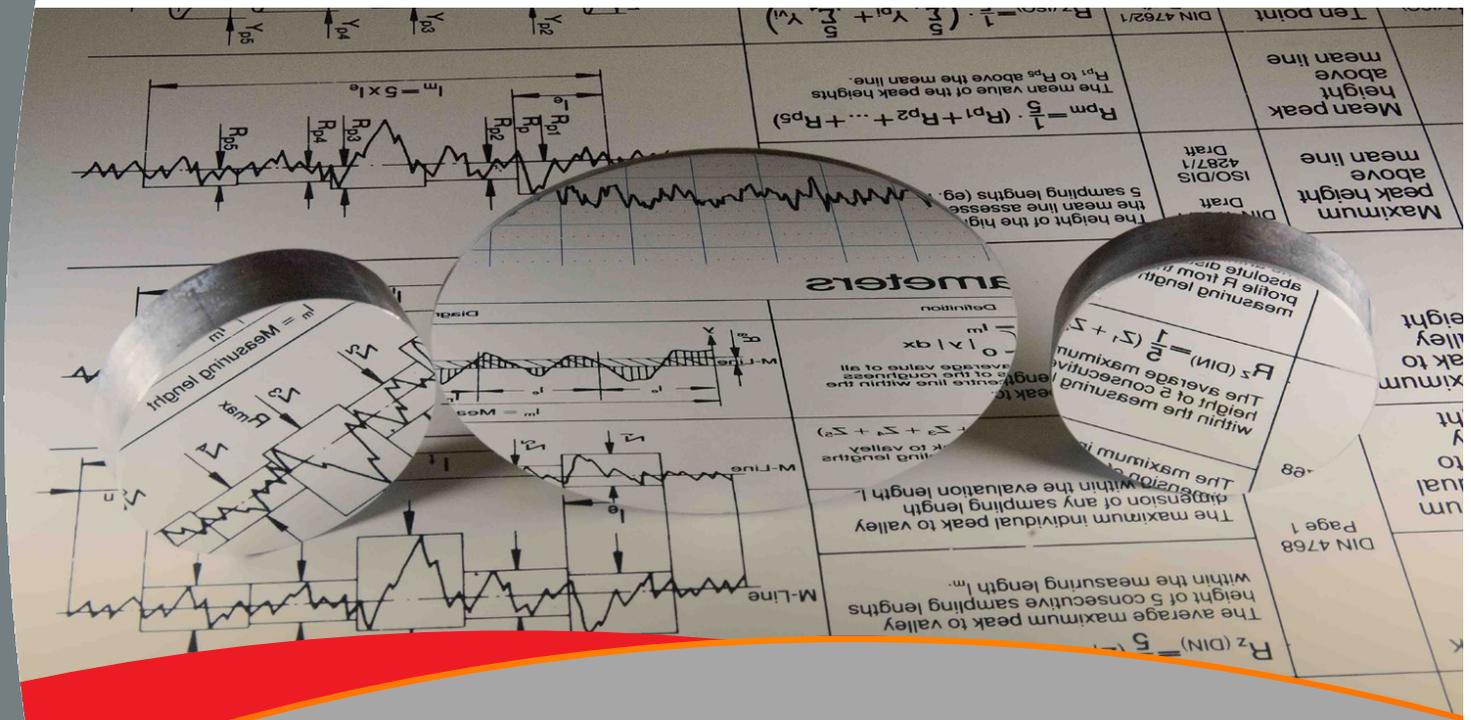


Super Polishing



Specialists in Micro-Precision

SURFACE FINISHES™ specializes in **SUPER POLISHING**

Yielding the highest quality surfaces on a variety of shapes, sizes and materials

EXPERT WORKMANSHIP

Since 1949, Surface Finishes has been a recognized leader in precision surface finishing technology. We combine craftsmanship with state-of-the-art technology to yield outstanding results on planar, radial and spherical surfaces.

Whether the surface to be worked is metallic or non-metallic, hard or soft, your polishing job is in highly skilled hands when you send it to Surface Finishes.



POLISHING CHALLENGES?

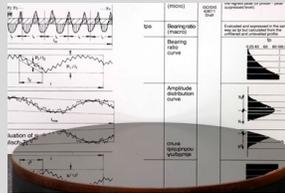
Our experts are here to help you. Solving challenging finishing problems is our specialty. Send details or a sample of the work to us for analysis and our recommendations.

Other Services: We also provide precision lapping, grinding, honing, single-point diamond machining, and metrology services. Inquiries invited.



OPTICAL QUALITY POLISHING

Our craftsmen produce optical quality finishes while maintaining flatness, cylindricity or sphericity on glass, metals, coatings, polymers and single crystal materials. All work is performed to your exacting specifications. We also sell and refurbish optical flats to NIST traceable



CHEMICAL MECHANICAL POLISHING (CMP)

Our team brings the added expertise of CMP technology to extend polishing beyond the bounds of traditional finishing processes. With CMP we are able to achieve higher quality finishes on both extremely hard and soft materials. This enables the efficient finishing of hard materials such as SiC and soft materials such as aluminum to Angstrom level R_a values.



WEAR RESISTANT COATINGS

Our technology is used to deliver high quality finishes on hard materials such as HVOF tungsten carbide, titanium nitride and DLC. For these applications we will typically pre-finish the part in preparation for coating and follow-up with a final finish to meet the geometric and finish specifications.



OPTICAL COATINGS

We work with a select group of proven coating experts to provide the highest quality protective and reflective coatings for your most challenging optics applications.

METROLOGY

Surface Finishes has the metrology needed to quantify and validate that our services meet your specifications with a combination of visual, optical, capacitance and contact measurement methods.

surface  finishes

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