



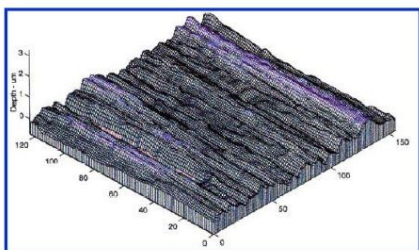
REM FINISHING SERVICE

REM Isotropic Surface Finishing

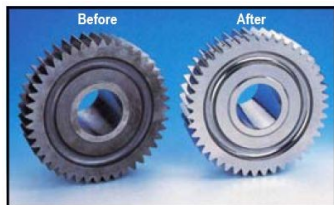
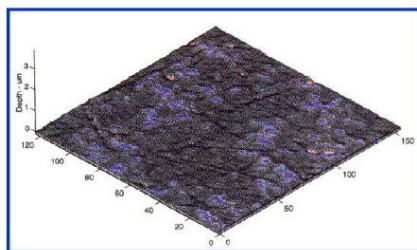
Less Friction and Less Heat.....Means.....More Horsepower and Longer Life

The REM Process is a cost-effective alternative to an engineered machined surface in racing applications where surface finish, increased wear and friction reduction are important considerations. The REM Process is an isotropic surface finishing process that produces a non-linear, low R_a that improves wear properties and reduces friction. It is a chemical mechanical process that sequentially removes the "peaks" of a ground, cut or honed finish while leaving the "valleys" unaffected. The end result is a dramatically improved surface finish with insignificant dimensional change of the part. The increase in component life is a result of a flatter contact surface, which distributes the loads over a larger area and inhibits the formation of stress risers.

ENGINEERED GROUND SURFACE



REM ISOTROPIC SURFACE



LONGER LIFE

REM Processed components show as much as a 30% gain in life cycle tests on metal to metal contact surfaces.

MORE HORSEPOWER

A 390 HP car equipped with a T101 transmission showed a 5 HP gain over untreated gears on a chassis dyno.



Materials:

Carbon, Alloy and Tool Steels

Stainless Steels, Aerospace Alloys and Titanium can also apply...Inquire

Benefits:

Significant Reduction in Surface Friction

Less friction means more horsepower

Reduces Wear on Metal to Metal Contact Surfaces

Less wear means expensive parts last longer and races get finished.

Reduces Lubricant Temperatures

Lower operating temperatures benefit any component

Reduces Vibration and Noise

We all know how this can benefit a racing drive train

Applicable Components:

Listed below are the most common components that get the most benefit from the REM Process. The prices listed represent a base cost for common styles or manufactures of components and gear sets. Some parts may be subject to an extended run charge, actual cost depends on size, complexity and surface quality of parts to be processed.

- Small Formula Car Transmission Gear Set\$16.00 per set
- Big Formula Car Transmission Gear Set\$25.00 per set
- GT Race Transmission Gear Set Start At \$20.00 per set
- Production Car Transmission Gear Set . Start At \$30.00 per set
- Transmission Dog Rings..... Start At \$10.00 each
- Complete Transmissions Start At \$350.00 per set
- Motorcycle Transmissions..... Start At \$125.00 per set
- Quick Change Rearend Gear Set Start At \$40.00 per set
- Ring and Pinion Rearend Gear Set Start At \$125.00 per set
- Connecting Rods..... \$20.00 each
- Camshafts\$100.00 each
- Lifters (Solid Only)\$5.00 each
- Rocker Arms (Stock Type Steel Only) \$5.00 each
- Oil Pump Gears (Steel Only)\$10.00 per set
- Timing Chain Gears\$20.00 per set

Call **(724) 535-6112** For Price Quote on Your Parts

Fax (724) 535-6113



LESS FRICTION AND LESS HEAT

REM Processed components show as much as a 10x reduction in frictional forces and up to 20°C reduction in operating temperatures.



REM® FINISHING SERVICE
2139 State Route 18
Wampum PA 16157

A cost-effective way to improve your race cars performance and reliability!