

## CONTRACT SERVICES

### HIGH-PERFORMANCE HEAT TREAT

Advanced vacuum heat treat facility provides excellent metallurgical structure, improved surface integrity and reduced part distortion. While these factors enhance tool quality and performance, the facility also provides an effective means to improve manufacturing throughput and reduce operating cost.



### ON-SITE METALLURGICAL LABORATORY

Offers advanced analytical capabilities that include:

- Metallographic sample preparation and evaluation
- High magnification stereomicroscope or metallographic evaluation and photography
- Thin film characterization
- Micro and macro hardness testing
- Surface roughness and edge profiling
- Failure analysis



### ADVANCED COATINGS

The Gleason Cutting Tools Service Center is equipped with multiple Balzers BAI-1200 coating systems, designed to apply all types of thin film coatings faster and with greater control. The Balzers' advanced PLC controls fully automate the process, reducing the margin of error and making the entire process much simpler and faster to complete.



### TOOL RECONDITIONING/RESHARPENING

Cutting tools are factory reconditioned (resharpened) here to the same quality as the new tools. Customized programs can be implemented to recondition any existing inventory of hobs, shaper cutters, broaches, milling cutters and shaving cutters.



### GCT EXPRESS\*

GCT Express gives you quick turnarounds and reduces your handling/packaging costs on a complete range of services, including coatings, re-plating of CBN wheels, heat treat, new gear tools, resharpening and complete recertification.



\* Pickup and delivery services available in some areas.

### GLEASON GEAR TRAINING

Gleason Gear Training, taught both on-site and at customer locations throughout the year, is the most comprehensive program of its kind for educating customers on the latest developments in gear manufacturing.

