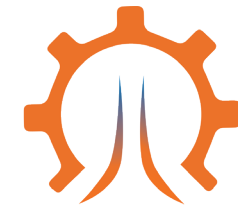


Thermal Metal Treating, Inc. leads with diverse technical professionals, with over seventy-five years of complex problem-solving experience in a multidiscipline manufacturing environment.

This experience reflects our acute awareness of customer critical needs for quality correct, cost-competitive products and services.



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Industries Served

- Automotive Safety Critical Component Systems
- Automotive – Filter Products
- Power Tool
- Computer Hardware
- Construction
- Custom Home Hardware
- Tool & Die
- Agriculture
- Military
- Medical
- Composite Material
- Nuclear
- Consumer Electronics



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Innovative Metal Processing Technology



Metal Heat Treating

- Neutral Hardening
- Carburizing Carbonitriding
- Induction Hardening
- Flame Hardening
- Cryogenic Treatment
- Heat Treat Normalize
- Stress Relieving
- Annealing
- Solution Treat
- Carbon & Alloy Steel
- Case Hardening Grades
- Medium & High Carbon
- Steel & Cast Iron
- Aluminum & Stainless Steel
- Tool Steels

Coating Technologies

- Black Oxide: Carbon Steel, Stainless, Copper
- AMS 2485
- MIL DTL 13924
- Phosphate Coatings
- MIL DTL 16232
- Passivation
- AMS A967
- Molybdenum Coating
- Patent #US 9.828.563 B2
- Metal De-Burring
- Vapor Blasting & Chemical De-Rusting
- Powder Coating
- Decorative Electroplating in Nickel and Copper
- Antiquing
- Aluminum Chromate Conversion
- Electroless Nickel Plating

Quality Competencies

- In House Metallurgical Lab
- Salt Spray Testing – ASTM B117
- ISO 9001:2015
- Automotive Approved Quality Systems – CQI-9
- Military Certified Heat Treating
- Military Certified Black Oxide Metal Treating
- Military Certified Phosphate Coatings
- Metallurgical & Quality Engineering Consulting

Machining & Assembly

- CNC Machining Centers
- CNC Turning Lathe
- General Machining & Assembly
- Short Run
- Custom Machining
- CAD Capable
- CAM Capable

