



REVERSE ENGINEERING

ATRONA'S modern multi-disciplinary modern laboratory offers you unmatched reverse engineering capabilities for simple to complex components, as well as entire assemblies with both metallurgical and non-metal materials. We can handle the entire project or assist you with any step in the process, such as dimensional analysis, material investigation, coating analysis and how the material was heat treated including physical and mechanical properties. Our Reverse Engineering Services can provide you full "copy" dimensional analysis of the product, including:

- Welds/Joining Process
- Coatings/Plating
- Surface Finish
- Heat Treat Requirements
- Raw Material Type and Requirements
- Engineering Print – 2D or 3D

If needed, we can also help you improve the current design, through Finite Element Analysis (FEA) and changes and improvements to Heat Treat & Materials.

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ISO/IEC 17025 ACCREDITED LAB