

CPI

pistons and rods

CPI manufactures to the highest quality standards an extensive line of pistons and piston rods for a wide range of applications and operating conditions.

Experienced technical knowledge of compressor design and operation makes certain that the optimum materials, specialized surface treatments and CPI sealing components are selected for each application. FEA analysis is used to ensure the design meets all of the highest CPI engineered standards to guarantee product integrity and quality.

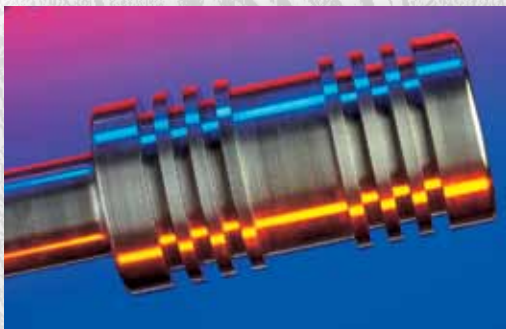
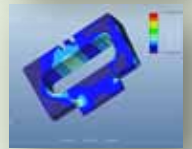
piston and rod reconditioning

All pistons and rods are inspected to assess how to proceed with reconditioning and to ensure their suitability for re-use.

Piston reconditioning may include re-machining of grooves and re-anodizing. Rod reconditioning may include machining, grinding, polishing and the application of specialized spray coatings.

Finally, all parts are re-assembled including CPI piston and rider rings.

- > piston manufacturing
- > piston rod manufacturing
- > specialized thermal spray and plasma coatings
- > rolled or cut threads
- > piston and rod repair and reconditioning
- > manufacturing of piston and rider rings
- > CPI also provides:
 - compressor components
 - technical support
 - trouble shooting
 - compressor conversion
 - field service
 - monitoring and analysis
 - lubrication systems
 - materials technology



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