

## Aero Brake & Spares, Inc.



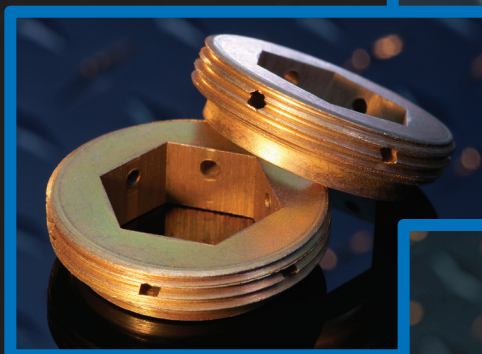
As a developer, manufacturer and supplier of precision engineered products for over 25 years, offers a unique combination of experience, innovation and support. Though not limited to, Aero Brake has developed extensive resources and expertise in the development and production of elastomeric sealing solutions.

And with scores of approved FAA-PMAs, we have a documented track record in working with the Federal Aviation Administration to obtain regulatory approval for our products. Our FAA Designees are authorized to provide the design data approvals, airworthiness approvals and export authorizations required in development and customer support.

Since inception Aero Brake has been providing quality parts at superior prices to customers across the globe. Our phenolic brake insulators have flown on military aircraft in the Middle-East, our wheel seal packings have traversed Europe on EASA aircraft, and our piston seals (pictured) have kept U.S. domestic transport aircraft on time and under budget.

### Engineering

Aero Brake's engineers can assist in designing sealing solutions for performance in a variety of media, temperatures and pressures before any manufacturing is under taken. This can eliminate the need for costly tooling, speed up the production process as well as improve performance and life expectancy. With robust experience and capability in material testing and configuration management, we have the tools to assist you in nearly any capacity.



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**AEROBRAKE.COM**



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## Packing & Seal Compounds

Preformed packing and seals can be molded in a wide range of compounds with a variety of physical properties and chemical resistances. Compounds are formulated to meet the most stringent military and aerospace industry standards.

### Materials include:

- Acrylonitrile-Butadiene
- Chloroprene
- Fluorocarbon
- Perfluoroelastomer
- Silicone
- Butadiene Rubber
- Ethylene Acrylic
- Fluorosilicone
- Polyacrylate
- Tetrafluoroethylene-Propylene
- Butyl
- Ethylene Propylene
- Hydrogenated Nitrile
- Polytetrafluoroethylene

## Quality Assurance:

Aero Brake's Quality Control Department inspects all products, from First Articles to production samples, to exacting standards and monitors all production steps in a highly controlled environment. Through out all processes, from in-house reverse engineering operations to product inspection, material testing and evaluation, state-of-the art technology is employed to provide unparalleled accuracy, consistency and dimensional control.

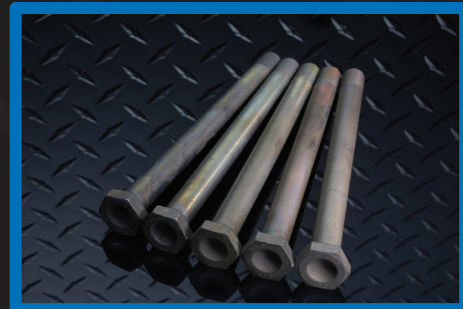
Aero Brake employs an ISO9001:2015 certified and AS9100 Rev B compliant. Quality Management System to assure a continuing standard of quality while providing mechanisms for continuous review and improvement of all facets from development, to product realization and end-user support. Our Quality Management System is audited frequently, ensuring high customer confidence in high quality parts.

## Hardware:

Specialty pins, screws, keys & washers can be headed or machined in a variety of ways to accommodate the necessary performance needed for different applications. Fasteners are manufactured in a wide range of materials with a variety of physical properties and requirements for a defined group of requirements. Aerospace fasteners and precision components are manufactured to meet the most stringent military and aerospace industry standards.

Materials include:

- 1020/1025/1026 Steel
- 4130/4140/4340 Steel
- 8740 Steel
- 17-7/304/305 Stainless Steel
- 4037 Steel
- 5250 Steel
- Inconel718



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