

# Customer-Driven Products and Services



## Mechanical Seals

Fluid Sealing International (FSI) is a world-class manufacturer of fluid sealing products with almost four decades of experience. At FSI, we manufacture a wide array of component seals, split seals, single and double cartridge seals. This includes multiple spring, single spring and metal bellows seals fitting shaft sizes from 1" up to 7.5". In addition to mechanical seals, FSI also provides support systems including tanks, flowmeters, heat exchangers, abrasive separators and bearings/bushings.



## Seal Repair Analysis

In addition to manufacturing mechanical seals, FSI also offers seal inspection and repair services for any manufactured seal. We perform a detailed Mechanical Seal Analysis (MSA) where a malfunctioning seal is completely disassembled and all parts are inspected to determine their condition with respect to the original specifications. Our repair program not only helps in improving seal life, it also has proven to be a significant cost savings for our customers.



## Fluid Sealing International

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## Industries We Serve:

- Oil and Gas
- Chemical
- Food and Dairy
- General Industries
- Steel
- Pharmaceutical
- Pulp and Paper
- Water and Waste Treatment

***“At Fluid Sealing International, we strive to exceed our customers’ expectations by delivering on our promise of unparalleled customer service and innovative solutions.”***

## **Contract Machining**

FSI has been driving innovative manufacturing solutions for over ten years. From individual job contract manufacturing orders to OEM, military, and cryogenics of metal and non-metallic components, FSI consistently delivers quality products. We collaborate with our customers to meet or exceed their requirements, production volumes and cost targets.

Our manufacturing facility is equipped with the latest technologies. With computer numerical control (CNC) machining and turning centers, we can provide customers with maximum flexibility, productivity and cost effectiveness.

It is our combination of state-of-the-art equipment, manufacturing expertise and proven quality management that gives FSI – and our customers – a distinct advantage over the competition.

### **Core Manufacturing Capabilities:**

- Turning
- Milling
- Gasket Cutting
- Assembly
- Reverse Engineering
- Continuous Improvement

### **Auxiliary Services:**

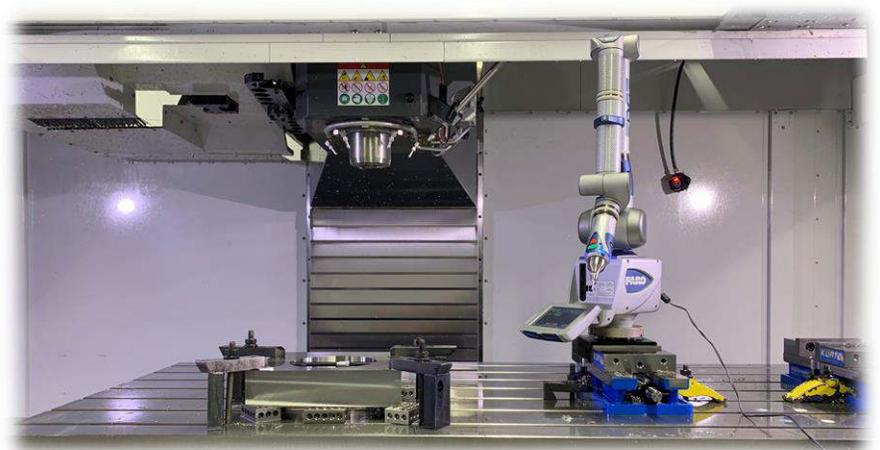
- Coatings Anodize Cadmium  
Passivation CARC
- Fabrication Welding to D1.1
- 2D Cutting Plasma Water Jet Laser

## **Reverse Engineering**

Our Reverse Engineering services start with a full dimensional analysis. After analysis, we will provide alternative design recommendations that include material selection, tolerancing and manufacturability guidance. We offer full-service repair including competitors’ products.



**Made in the USA** 



**We accept Master Card, Visa, American Express & Discover.**



**[www.worldfsi.net](http://www.worldfsi.net)**