



**FastTest®**  
Your Productivity Connection

# AEROSPACE HIGH PRESSURE CONNECTION TECHNOLOGY

## *PROCESS AND QUALITY IMPROVEMENT IN THE AEROSPACE INDUSTRY*

- **Reduce** high pressure test connection time
- **Improve** part throughput
- **Eliminate** thread damage, sealant and wrenches
- **Safe & reliable** leak tight, uniform connections that are non operator dependent



[www.fastestinc.com](http://www.fastestinc.com)

Made in the USA



# CONNECTORS FOR PRESSURE & PERFORMANCE TESTING IN AE

Civil Aviation | Military Aerospace and Defense | Calibration | Engine

## Why Choose FasTest?

FasTest Systems offer:

- Nondestructive testing
- Measurements and techniques for fault diagnosis
- Design and implementation of laboratory tests, including reliability, environmental, burn in and quality testing
- Qualification tests for components and systems
- Instrumentation and measurement methods for testing and diagnostics (destructive and non-destructive testing, vibration monitoring, built-in test equipment and automatic test equipment, etc)

## Common Fitting Applications

Our products connect to a variety of fittings used in the aerospace industry including:

- 37° Male & Female (MS33656)
- Male Flareless MS (MS33514)
- Dynamic Beam Seal 8-30 (Rosan)



## Tube Assemblies

Industry leading connectors for pneumatic and hydrostatic testing of tube assemblies.

**FasTest solutions:**

*JXL Series, 70 Series*



## Component Testing

Pressure and leak testing connections for a range of engine, fluid flow and hydraulic components. Instant connections to internal and external threads.

**FasTest solutions:**

*FasMate, 60 Series*



## Engine Testing

FasTest's line of rapid test connection products dramatically improves test stand through put and eliminates thread damage from testing.

**FasTest solutions:**

*60 Series, TwistMate*



## Valve, Gauge & Ground Support Tests

Connections for valve, transducer testing, gauge calibration and ground hydraulic system testing (tire pressure gauges, jacks) and all ranges of male fittings.

**FasTest solutions:**

*TwistMate, HPB Series*



## In Place Calibration

Quick, finger-tight test connections to 10,000 psi for calibration of instrumentation to ISO 17025 standards.

**FasTest solutions:**

*Manifolds, Transitions, Hose Assemblies*



## Other Applications

- Oxygen bottle filling
- Tire gauge pressure checks
- Oxygen regulation; ducts
- Hydraulic test stands
- Fuel flow regulation



## FasTest Connectors



### 60 Series

#### Instant Connections to External Threads and Compression Fittings

- Instant connections from vacuum to 750 psi (51 bar)
- No damage to threaded parts
- Easy sleeve action to connect



### Hose Assemblies

- High pressure hose assemblies with 1/8" NPT fittings
- Compatible FasCal connectors allows quick change of sizes or types without the use of tape or wrenches



### 70 Series

#### Instant Connections to External Tubes

- Connect to fittings, expanded, flared, barbed, beaded and formed end tubes from vacuum to 750 psi (51 bar)
- No damage to test piece features
- Easy sleeve action to connect



### Manifolds

- 2 and 4-port stainless steel manifolds rated up to 10,000 psi
- Compatible FasCal connectors allows quick change of sizes or types without the use of tape or wrenches



### TwistMate Series (MET/MIT)

#### Twist to Connect for Internal or External Threads and Fittings

- For vacuum or pressure test applications up to 10,000 psi (689 bar)
- Rugged stainless steel construction endures demanding production environments



### Transitions

- Flow bench styles provide incremental steps from AN 32 down to AN 4
- Reduces potential of damaging expensive tube style flow transmitters
- Pressure rated from 4,000 to 10,000 psi



### HPB Series

#### Instant Connections to External Threads and Compression Fittings

- Connect from vacuum to 5000 psi with no damage to threaded parts
- Easy sleeve action connect



### JXL Series

#### Fast Lever Actuated Connections to External Tubes

- Instant connections from vacuum (10 micron) to 1000 psi
- Seals straight bore, step bore, smooth or cast surfaces



### FasMate Series

#### Instant Connections to Internal and External Threads

- Instant connections from vacuum up to 5000 psi
- Three operation methods - lever, thumb valve and pneumatic



**Engineered and  
Manufactured  
in the USA**

Learn more at [www.fastestinc.com](http://www.fastestinc.com)

## WHERE TO BUY

### FasTest Channel Partners

FasTest offers customers multiple distribution channels to support products in your industry or application. Factory authorized distributors provide local service and support across the country and internationally. Visit:  
[www.fastestinc.com/en/distributorlocator](http://www.fastestinc.com/en/distributorlocator)

## LEARN MORE

### See the Products in Action

Visit [www.fastestinc.com](http://www.fastestinc.com) and view demonstrations and product videos



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### Patents

FasTest Inc. takes pride in its innovative quick disconnect coupling solutions, many of which have been awarded United States and International patents. FasTest Inc. has a strong tradition of leadership in the quick disconnect market, and aggressively pursues and protects its proprietary information and intellectual property.

All products are designed and manufactured by Fastest Inc. USA

### Limited Express Warranty

FasTest Inc. warrants its products against defects in workmanship and materials for 12 months from the date of sale by FasTest Inc. or its authorized distributor. This warranty is void if the product is misused, tampered with or used in a manner that is contrary to FasTest Inc.'s written recommendations and/or instructions.

See website for complete warranty information.

### Custom Applications

FasTest has full engineering and manufacturing capability to provide special accommodations to meet specific applications. Our engineers are available to review your unique application requirements.

### Certifications

FasTest Inc. is ISO 9001: 2008 certified.