FasMate™ Series

FasTest® Your Productivity Connection

WilsonCompany

# Instant Threaded Connections

**FN**

**Internal Connections:**

Manifolds, Engine Blocks, Transmissions, Brake and Steering Systems Testing, Transmitters, Valves, Pressure Vessels, Pipes

**FX**

**External Connections:**

Gauges and Instrumentation Calibration, Plumbing, Irrigation and Spray Systems Filling and Testing

## Features:

- **Safe and reliable connection to threads** for up to 5000 psi (345 bar)
- **Modular design** for squeeze lever, push button, or pneumatic actuation
- **Field serviceable without special tools,** reduce maintenance cost and downtime
- **Pressure assisted gripping** locks connector securely even under dynamic pressure
- **Ergonomic product,** reduce operator stress from repetitive motion
- **Rugged, durable construction** for demanding production environments
- **Reduced insertion options available for shallow/blind port applications such as automotive brake and power steering**

FNL FXL

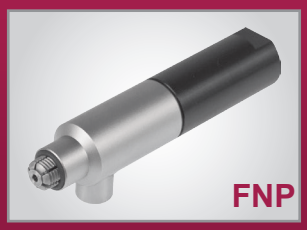
## Alternative Actuation Options

### Push-Button

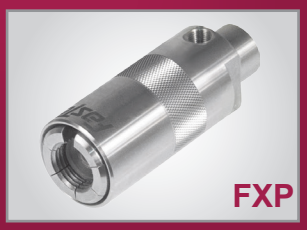
FNV

FXV

### Pneumatic



FNP



FXP

**FN:** components with internal threads | **FX:** components with external threads

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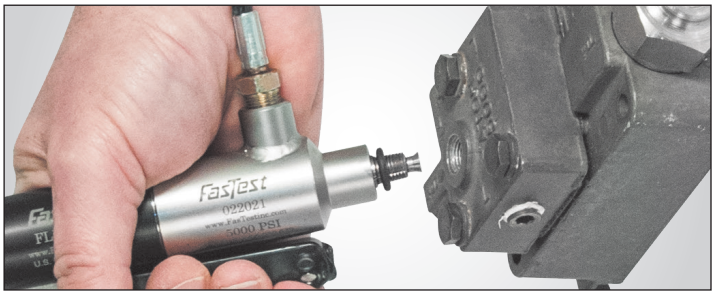
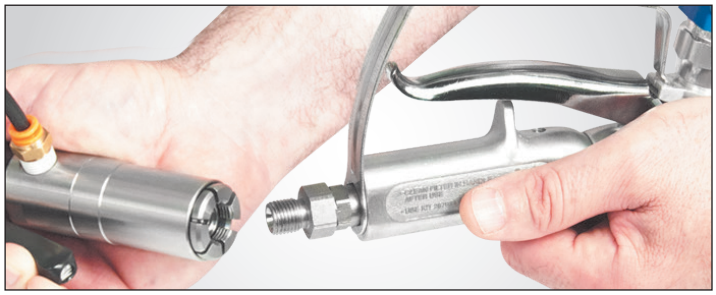
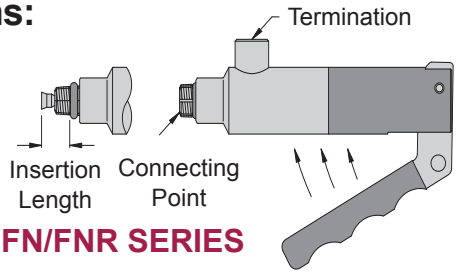
## Applications:

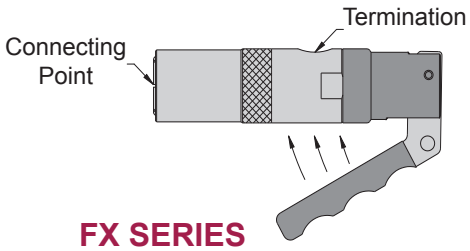




## Specifications:




FN/FNR SERIES




FX SERIES

### Technical Specifications

| | FN Series | FX Series | FNR Series |
|---|---|---|---|
| **Housing Material** | Stainless steel and anodized aluminum | | |
| **Seal Material** | Buna-N | | |
| **Connection Profile** | Mates with NPT, Metric, BSPP, BSPT, and SAE threads | | |
| **Termination Profile** | NPT or BSPP female thread port | | |
| **Operating Pressure** | Vacuum to 5000 psi (Body sizes 1 to 4)<br>Vacuum to 3500 psi (Body size 5)<br>Vacuum to 750 psi (FX model for thin walled pipe) | | Vacuum to 2500 psi (172 bar) |
| **Operating Temp.** | -40°F to +250°F (-40°C to +121°C) | | |
| **Maximum Side Load Rating** | 12.5 - 75 in-lbs (1.4 - 8.4 Nm) | 12.5 – 50 in-lbs (1.4 – 5.65 Nm) | 9.38 - 28.13 in-lbs. (1.06 - 3.18 Nm) |

**For FNV/FNP and FXV/FXP only:**

| | |
|---|---|
| **Pilot Pressure** | 65 - 120 psi (4.5 to 8 bar) |
| **Pilot Port Profile** | 1/8” female NPT |

**Product Safety:**

All FasTest products have been designed with safety in mind, however, it is the responsibility of the product users to design each process in such a way to avoid mishaps that can cause physical hazard or property loss. Secondary restraints such as safety chains, shields, cages or fixtures are all good choices depending on the application. FasTest can recommend or assist you in clarifying potential hazards of your application.