**FIG / INTERNAL SEALING CONNECTION TOOL**

Pneumatic sealing connection tool with gripping collets for manual operated processes.

CONNECTS TO:
Straight cast or rough surfaces

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Pressure Rating</th>
<th>Pilot Pressure</th>
<th>Operating Temperatures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacuum to 120 psi (8.3 bar)</td>
<td>60 to 120 psi (41 to 8.3 bar)</td>
<td>-40°F to +250°F (-40°C to +121°C)</td>
</tr>
</tbody>
</table>

**Termination Port**

<table>
<thead>
<tr>
<th>Termination Port</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8 NPT, 1/2 NPT, 3/4 NPT</td>
</tr>
</tbody>
</table>

**Materials of Construction**

<table>
<thead>
<tr>
<th>Seal Material*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anodized Aluminum, Stainless Steel, Potted PCA</td>
</tr>
</tbody>
</table>

**Seal Material**

*Standard: FasTest Neoprene®, FasTest Urethane Optional: FKM, Buna-N, EPDM, FDA White Neoprene®*

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* Additional seal material types available, consult factory.

**Operating Temp: 32°F-100°F (0°C-38°C) for Intelligent Connection Technology.**

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1. Gripping collets minimize the need for fixturing
2. Improve safety for non-fixtured tools due to positive gripping ability
3. Consistent sealing force with pneumatic actuation
4. Optimized for operator-applied applications on cast or rough surfaces
5. ICON™ capable - additional sensing capabilities and visual feedback

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**ICON™ - INTELLIGENT CONNECTION TECHNOLOGY**

- **SURE SEAL™**
- **SEAL LIFE™**

**ACTUATION METHOD**

**Pneumatic:** Pilot pressure creates uniform seal movement and consistent sealing force.

**ACCESSORIES**

VISIT FASTESTINC.COM

Shaft Extensions
Consult Factory
Ordering Information

<table>
<thead>
<tr>
<th>Sealing Range</th>
<th>Part Number</th>
<th>Main Seal Set</th>
<th>Grip Cartridge Kit</th>
<th>Rebuild Kit</th>
<th>A</th>
<th>B</th>
<th>M</th>
<th>P</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.102-1.181</td>
<td>FIG441</td>
<td>FIS441*</td>
<td>441GC</td>
<td>FIR3</td>
<td></td>
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<td>1/8 NPT</td>
<td>1/8 NPT</td>
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<tr>
<td>1.181-1.260</td>
<td>FIG442</td>
<td>FIS442*</td>
<td>442GC</td>
<td>FIR3</td>
<td></td>
<td></td>
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<td>1/8 NPT</td>
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<tr>
<td>1.260-1.339</td>
<td>FIG443</td>
<td>FIS443*</td>
<td>443GC</td>
<td>FIR3</td>
<td></td>
<td></td>
<td></td>
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<td>1/8 NPT</td>
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<tr>
<td>1.339-1.457</td>
<td>FIG551</td>
<td>FIS551**</td>
<td>551GC</td>
<td>FIR6</td>
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<tr>
<td>1.457-1.575</td>
<td>FIG552</td>
<td>FIS552**</td>
<td>552GC</td>
<td>FIR6</td>
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<tr>
<td>1.575-1.693</td>
<td>FIG553</td>
<td>FIS553**</td>
<td>553GC</td>
<td>FIR6</td>
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<tr>
<td>1.693-1.850</td>
<td>FIG661</td>
<td>FIS661**</td>
<td>661GC</td>
<td>FIR6</td>
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<tr>
<td>1.850-2.008</td>
<td>FIG662</td>
<td>FIS662**</td>
<td>662GC</td>
<td>FIR6</td>
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<tr>
<td>2.008-2.165</td>
<td>FIG663</td>
<td>FIS663**</td>
<td>663GC</td>
<td>FIR6</td>
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<td>2.165-2.305</td>
<td>FIG771</td>
<td>FIS771**</td>
<td>771GC</td>
<td>FIR7</td>
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<td>2.305-2.445</td>
<td>FIG772</td>
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<td>772GC</td>
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<td>2.445-2.585</td>
<td>FIG773</td>
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<td>773GC</td>
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<tr>
<td>2.585-2.725</td>
<td>FIG881</td>
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<td>2.725-2.865</td>
<td>FIG882</td>
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<tr>
<td>2.865-3.005</td>
<td>FIG883</td>
<td>FIS883**</td>
<td>883GC</td>
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<td></td>
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<td>1/8 NPT</td>
<td>1/8 NPT</td>
</tr>
</tbody>
</table>

Dimensions: inch

1 Includes seals(s) and metal parts for one complete seal change and one extra seal.
* Includes enough seals for five seal changes.
** Includes enough seals for 2.5 seal changes.

Secondary safety measures are advisable when tools are under pressure to protect the operator.

HOW TO ORDER

Request A Quote
Visit: www.fastestinc.com/en/applicationevaluation

Contact A FastTest Representative
Email: fastsales@fastestinc.com
FasTest's ICON™ adds sensing capabilities to our mechanical Sealing Connection Tools. ICON™ Tools include instant LED visual feedback and data output to improve sealing connection accuracy, maximize production efficiency, and optimize maintenance.

**ICON™ features:**

- **SURE SEAL™**
  Instant LED feedback verifies a good connection prior to starting a test.

- **SEAL LIFE™**
  Alert when the main seal is at end of life and must be replaced.

**System Overview:**

- **CONNECTED**
  Green indication of a good connection.

- **RECONNECT**
  Recognize a connection issue before causing a false failure.

- **WORN SEAL**
  Alert when main seals should be replaced.

- **PICK TOOL**
  Controllable LED signals operator to use specific tool.

**User’s System**

- **PLC**
  Communicates data to PLC

- **HMI**
  LED indicator for visual feedback

- **PROGRAMMING TOOL**
  Standalone install or tie into PLC

**NOTE:** Solid State Relay and Analog output options available.

- Quickly setup ICON™ Tools
- Eliminate the need for PLC programming
- Can be powered from wall adapter (included) or from a PLC (24VDC)