

FIG / INTERNAL SEALING CONNECTION TOOL

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

CONNECTS TO:

Straight cast or rough surfaces



- 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

SPECIFICATIONS

Pressure Rating	Pilot Pressure	Operating Temperatures
Vacuum to 120 psi (8.3 bar)	60 to 120 psi (4.1 to 8.3 bar)	-40°F to +250°F (-40°C to +121°C)
Termination Port	Materials of Construction	Seal Material*
1/8 NPT, 1/2 NPT, 3/4 NPT	Anodized Aluminum, Stainless Steel, Potted PCA	Standard: FasTest Neoprene*, FasTest Urethane Optional: FKM, Buna-N, EPDM, FDA White Neoprene*

* Additional seal material types available, consult factory.

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

- i Pressure rating based on test piece having a surface finish greater than 80rms and a material hardness of no more than 97Rb to grip and seal at the rated pressure. If your parameters are outside the specifications, please contact factory

ICON™ - INTELLIGENT CONNECTION TECHNOLOGY

 SURE SEAL™

 SEAL LIFE™

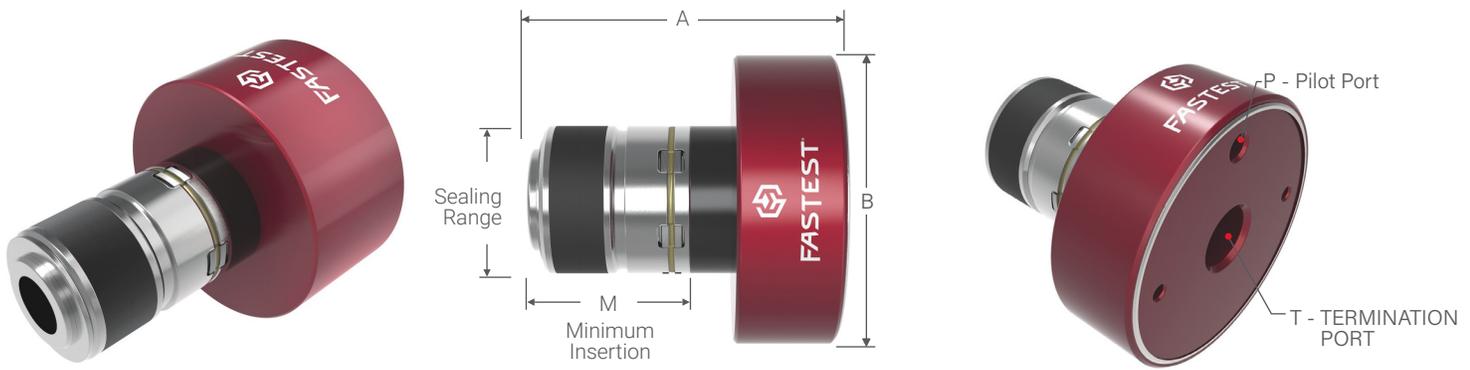
ACTUATION METHOD

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

ACCESSORIES VISIT FASTESTINC.COM



FIG / INTERNAL GRIP SEALING CONNECTION TOOL



Ordering Information					Dimensions				
Sealing Range	Part Number ¹	Main Seal Set	Grip Cartridge Kit	Rebuild Kit	A	B	M	P	T
1.102-1.181	FIG441	FIS441*	441GC	FIR3	3.610	2.360	1.70	1/8 NPT	1/8 NPT
1.181-1.260	FIG442	FIS442*	442GC	FIR3					
1.260-1.339	FIG443	FIS443*	443GC	FIR3					
1.339-1.457	FIG551	FIS551**	551GC	FIR6	4.680	3.485	2.24	1/8 NPT	1/2 NPT
1.457-1.575	FIG552	FIS552**	552GC	FIR6					
1.575-1.693	FIG553	FIS553**	553GC	FIR6					
1.693-1.85	FIG661	FIS661**	661GC	FIR6	4.680	3.485	2.31	1/8 NPT	1/2 NPT
1.850-2.008	FIG662	FIS662**	662GC	FIR6					
2.008-2.165	FIG663	FIS663**	663GC	FIR6					
2.165-2.305	FIG771	FIS771**	771GC	FIR7	4.360	4.200	2.29	1/8 NPT	3/4 NPT
2.305-2.445	FIG772	FIS772**	772GC	FIR7					
2.445-2.585	FIG773	FIS773**	773GC	FIR7					
2.585-2.725	FIG881	FIS881**	881GC	FIR7	4.360	4.200	2.29	1/8 NPT	3/4 NPT
2.725-2.865	FIG882	FIS882**	882GC	FIR7					
2.865-3.005	FIG883	FIS883**	883GC	FIR7					

Dimensions: inch

¹Includes 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 FasTest Representative

Email: fastsales@fastestinc.com



ICON™

INTELLIGENT CONNECTION TECHNOLOGY

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.



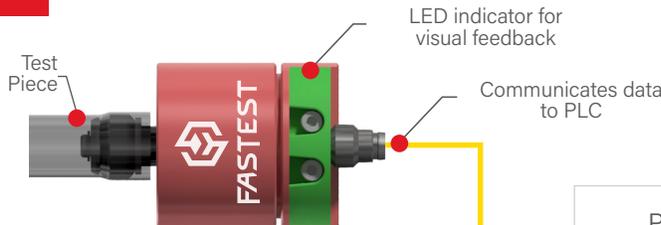
SEAL LIFE™

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.



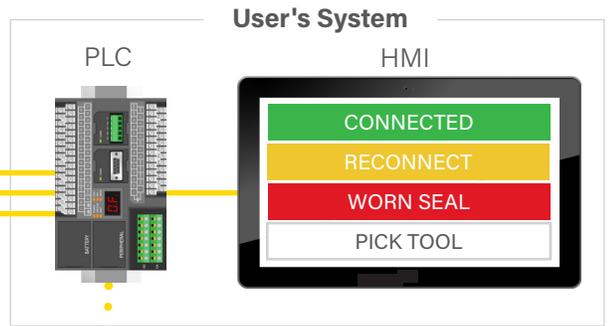
WORN SEAL

Alert when main seals should be replaced.



PICK TOOL

Controllable LED signals operator to use specific tool.



Standalone install or tie into PLC



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

NOTE: Solid State Relay and Analog output options available.