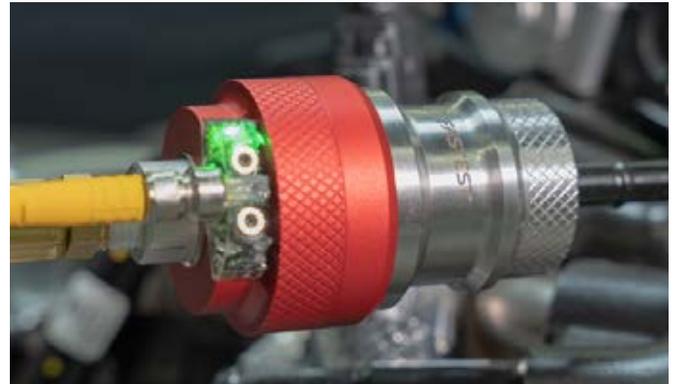


60 / EXTERNAL SEALING CONNECTION TOOL

Sleeve actuated external grip and seal connection tool for threaded applications.

CONNECTS TO:



SPECIFICATIONS

| Pressure Rating | Operating Temperatures | Materials of Construction |
|----------------------------|-----------------------------------|------------------------------------|
| Vacuum to 750 psi (51 bar) | -40°F to +250°F (-40°C to +121°C) | Stainless Steel, Anodized Aluminum |
| Termination Port | | Seal Material* |
| NPT, BSPP (G) | | Buna-N |

* Additional seal material types available, consult factory.

ACTUATION METHOD

Manual Sleeve: Easy, ergonomic sleeve action eliminates repetitive twisting and turning - push to connect, pull to release

ICON™ TECHNOLOGY



ACCESSORIES

Visit fastestinc.com

Available without ICON™



6 SurConnect™ - Green to go visible indicator to ensure complete connection

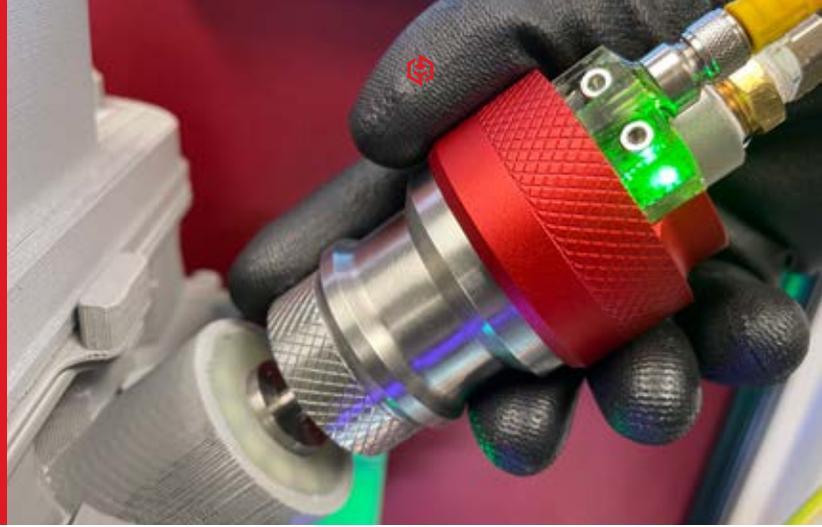
- 1** SURE SEAL™ - Instant LED feedback verifies a good connection onto the threaded port.
- 2** Instant external threaded connection with floating piston to ensure proper face / ID sealing position
- 3** Collet design locks securely into external threads or behind the threads
- 4** Connect and seal to compression fittings, NPT, SAE 37° "AN" and 45° flare male threads - custom sizes also available
- 5** Optional internal shut-off valve stops flow upon disconnection



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.

System Overview:

CONNECTED

Verify connections are good prior to starting a leak test and provide operators instant positive feedback to simplify training.



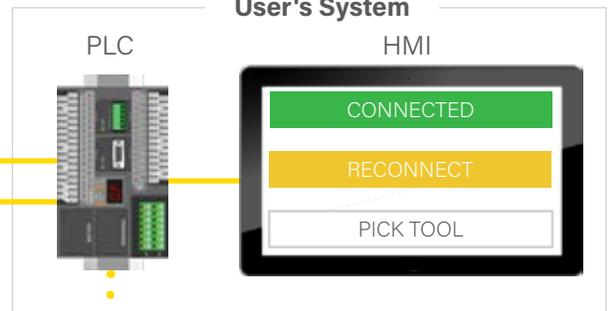
RECONNECT

Recognize short connects before hazardous spills occur in functional testing, or prevent wasteful False Positive results in leak testing.



PICK TOOL

Controllable LED signals operator to use specific tool.



Standalone install or tie into PLC



PROGRAMMING TOOL

- 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.



DON'T SEE A SOLUTION FOR YOUR APPLICATION? Submit a custom application form and drawing to fastsales@fastestinc.com or to your local distributor.

60 ICON™ / EXTERNAL SEALING CONNECTION TOOL



| Ordering Information | | | | Dimensions | | | |
|----------------------|--------------|---------------------------------|--------------|------------|----|----|---|
| Connects To | Part Number* | Replacement Seals Bulk Pack (5) | Rebuild Kits | A | BØ | CØ | T |

60 Series | NPT Threads

| | | | | | | | |
|---------|--------------|----------|----------|-------------|-------------|-------------|------------------|
| 1/8 NPT | 60G1T02CV04* | S1105B70 | R60CVBG1 | 3.49 (88.6) | 1.65 (41.9) | 1.47 (37.3) | 1/4 NPT/BSPP (G) |
| 1/4 NPT | 60G1T04CV04* | S1109B70 | R60CVBG1 | | | | |
| 3/8 NPT | 60G1T06CV04* | S1110B70 | R60CV06 | 3.72 (94.5) | 1.92 (48.8) | 1.74 (44.2) | 3/8 NPT/BSPP (G) |
| 1/2 NPT | 60G1T08CV04* | S1112B70 | R60CVBG2 | | | | |
| 3/4 NPT | 60G085CV04* | S1115B70 | R60CVBG3 | 3.72 (94.5) | 2.31 (58.7) | 2.13 (54.1) | 3/4 NPT/BSPP (G) |
| 1 NPT | 60G1T16CV04* | S1212B70 | R60CV16 | | | | |

60 Series | SAE 37° Flare for JIC and AN Male Fittings

| | | | | | | | |
|-----------------|-------------|----------|----------|-------------|-------------|-------------|------------------|
| -4 [7/16-20] | 0G049CV04* | S1010B70 | R60CVBG1 | 3.49 (88.6) | 1.65 (41.9) | 1.47 (37.3) | 1/4 NPT/BSPP (G) |
| -6 [9/16-18] | 60G069CV04* | S1012B70 | R60CVBG1 | | | | |
| -8 [3/4-16] | 60G089CV04* | S1014B70 | R60CVBG2 | 3.72 (94.5) | 1.92 (48.8) | 1.74 (44.2) | 3/8 NPT/BSPP (G) |
| -10 [7/8-14] | 60G109CV04* | S1016B70 | R60CVBG2 | | | | |
| -12 [1-1/16-12] | 60G129CV04* | S1116B70 | R60CV16 | 3.72 (94.5) | 2.31 (58.7) | 2.13 (54.1) | 3/4 NPT/BSPP (G) |

60 Series | SAE 45° Flare Threads

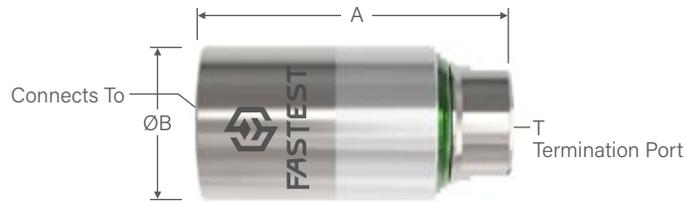
| | | | | | | | |
|-----------------|-------------|----------|----------|-------------|-------------|-------------|------------------|
| -4 [7/16-20] | 60GA04CV04* | S1010B70 | R60CVBG2 | 3.49 (88.6) | 1.65 (41.9) | 1.47 (37.3) | 1/4 NPT/BSPP (G) |
| -6 [5/8-18] | 60GA06CV04* | S1012B70 | R60CVBG2 | | | | |
| -8 [3/4-16] | 60GA08CV04* | S1014B70 | R60CVBG2 | 3.72 (94.5) | 1.92 (48.8) | 1.74 (44.2) | 3/8 NPT/BSPP (G) |
| -10 [7/8-14] | 60GA10CV04* | S1016B70 | R60CVBG2 | | | | |
| -12 [1-1/16-14] | 60GA12CV04* | S1117B70 | R60CV16 | 3.72 (94.5) | 2.31 (58.7) | 2.13 (54.1) | 3/4 NPT/BSPP (G) |

Dimensions: inch (mm)

i NOTE: *For Analog Output Signal, add "ANA" to Part Number. For Solid State Relay, add "SSR" to Part Number. Table above shows common connections. Additional sizes available for 60 Series connectors.

Port Specifications: NPT per SAE J476; SAE 37° Flare per SAE J514; SAE 45° Flare per SAE J512/513

60 / EXTERNAL SEALING CONNECTION TOOL



| Ordering Information | | | | Dimensions | | |
|----------------------|-------------|---------------------------------|--------------|------------|---|---|
| Connects To | Part Number | Replacement Seals Bulk Pack (5) | Rebuild Kits | A | B | T |

60 Series | NPT Threads

| | | | | | | |
|---------|---------|----------|---------|-------------|-------------|------------------|
| 1/8 NPT | 60G1T02 | S1105B70 | R60G03 | 2.95 (74.9) | 1.19 (30.2) | 1/8 NPT/BSPP (G) |
| 1/4 NPT | 60G1T04 | S1109B70 | R60GBG3 | | | 1/4 NPT/BSPP (G) |
| 3/8 NPT | 60G1T06 | S1110B70 | R60GBG4 | 3.15 (80.0) | 1.38 (35.0) | 3/8 NPT/BSPP (G) |
| 1/2 NPT | 60G1T08 | S1112B70 | R60GBG5 | | | 1/2 NPT/BSPP (G) |
| 3/4 NPT | 60G1T12 | S1115B70 | R60GBG6 | 3.54 (89.9) | 1.78 (45.2) | 3/4 NPT/BSPP (G) |
| 1 NPT | 60G1T16 | S1212B70 | R60GBG7 | | | 1.97 (50.0) |

60 Series | SAE 37° Flare for JIC and AN Male Fittings

| | | | | | | |
|-----------------|--------|----------|---------|-------------|-------------|------------------|
| -4 [7/16-20] | 60G049 | S1010B70 | R60GBG2 | 2.95 (74.9) | 0.99 (25.2) | 1/8 NPT/BSPP (G) |
| -6 [9/16-18] | 60G069 | S1012B70 | R60GBG3 | | 1.19 (30.2) | 1/4 NPT/BSPP (G) |
| -8 [3/4-16] | 60G089 | S1014B70 | R60GBG4 | 3.15 (80.0) | 1.38 (35.0) | 3/8 NPT/BSPP (G) |
| -10 [7/8-14] | 60G109 | S1016B70 | R60G05 | | 1.58 (40.1) | 1/2 NPT/BSPP (G) |
| -12 [1-1/16-12] | 60G129 | S1116B70 | R60GBG6 | 3.54 (89.9) | 1.78 (45.2) | 3/4 NPT/BSPP (G) |
| -16 [1-5/16-12] | 60G169 | S1120B70 | R60GBG7 | | 1.97 (50.0) | 3/4 NPT/BSPP (G) |

60 Series | SAE 45° Flare Threads

| | | | | | | |
|-----------------|--------|-----------------|---------|-------------|-------------|------------------|
| -4 [7/16-20] | 60GA04 | S1010B70 | R60GBG2 | 2.95 (74.9) | 0.99 (25.2) | 1/8 NPT/BSPP (G) |
| -6 [5/8-18] | 60GA06 | S1012B70 | R60GBG4 | 3.15 (80.0) | 1.38 (35.0) | 3/8 NPT/BSPP (G) |
| -8 [3/4-16] | 60GA08 | S1014B70 | R60GBG4 | | | 1/2 NPT/BSPP (G) |
| -10 [7/8-14] | 60GA10 | S1016B70 | R60GBG5 | 3.15 (80.0) | 1.58 (40.1) | 1/2 NPT/BSPP (G) |
| -12 [1-1/16-14] | 60GA12 | S1117B70 | R60GBG6 | 3.54 (89.9) | 1.78 (45.2) | 3/4 NPT/BSPP (G) |
| -14 [1-1/4-12] | 60GA14 | Consult Factory | | | | |
| -16 [1-3/8-12] | 60GA16 | | | | | |

Dimensions: inch (mm)

NOTE: Table above shows common connections. Additional sizes available for 60 Series connectors. Dimension A can be application dependant for other sizes. Consult factory for details.

Port Specifications: NPT per SAE J476; SAE 37° Flare per SAE J514; SAE 45° Flare per SAE J512/513



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