

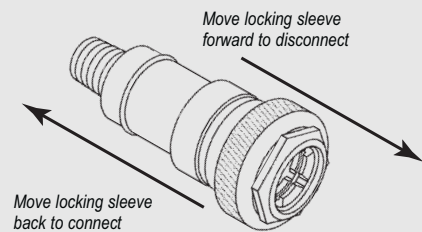
### Ergonomic, compact and delivers results

- Unique design grips until pressure is dissipated – eliminates operator adjustments for added safety
- Mating seal is replaceable without disassembly – eliminates costly repair programs
- Reliable sealing reduces test errors – minimizes production losses

### Operation

**To Connect:** Insert the tube into the connector and retract the external sleeve to automatically activate the clamping collet and seal.

**Disconnect:** Push the external sleeve until it latches and deactivates the internal gripping collet and seal. Withdraw the connector from the tube.



### Applications

**Uses:** Leak testing, burst testing, evacuation and charging, lab and manufacturing processes.

**Components:** Tubing, coils, compressors, dryers, meters, fittings, pressure vessels, etc.

**Systems:** HVAC, appliances, ice machines, plumbing, refrigeration, automotive, etc.

### Technical Data

**Seals:** Neoprene

**Materials:** Steel with QPQ

**Temperature:** -40° to +250°F

**Pressure:** Vacuum to 1000 psi.

### ST Series Straight Tube Connectors

Connects to Straight Tube OD (+0.015"/-0.010")	Part Number	Insertion Depth (inches)	Termination Thread (Male)	Major Diameter (inches)	OAL (inches)	Body Length (inches)
1/4"	ST-04042	0.62	1/4" NPTF	1.13	2.19	3.65
5/16"	ST-05042	0.62	1/4" NPTF	1.19	2.19	3.65
3/8"	ST-06042	0.75	1/4" NPTF	1.50	2.67	3.58

Note: Please contact your Sales Representative for pricing, delivery, replacement seals, accessories and your custom requirements. Not recommended for waterdunk applications.

Refer to [www.fastestinc.com](http://www.fastestinc.com) for additional important safety recommendations and other valuable information.

U.S. Patent No. 4,884,830

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Pressure-activated safety lock and redundant mating seal set the standard

- Positive gripping—No operator adjustments!
- Unique design provides pressure enhanced sealing and safety lock
- Mating seals are easily replaced without tools or disassembly
- Ideal for sophisticated testing techniques such as mass spectrometer and vacuum applications

Refer to [www.fastestinc.com](http://www.fastestinc.com) for additional important safety recommendations and other valuable information.  
U.S. Patent No. 4,921,282

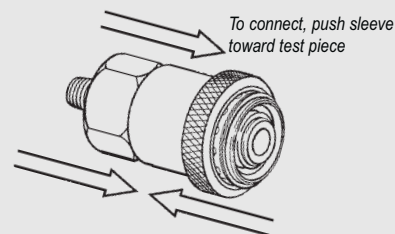


Sealing of expanded tubing for testing and filling applications.

## Operation

**To Connect:** Insert the tube into the connector and push the external sleeve until it clicks into the locked position.

**Disconnect:** Push the connector toward the tube to release the safety lock and retract the external sleeve to withdraw the connector.



To disconnect, push connector forward to release safety locking action, then pull sleeve back

## Applications

**Uses:** Leak testing, burst testing, evacuation and charging, lab and manufacturing processes.

**Components:** Tubing, coils, compressors, meters, fittings, engines, pressure vessels, etc.

**Systems:** HVAC, appliances, plumbing, heating, automotive, etc.

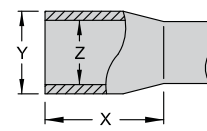
## Technical Data

**Seals:** Neoprene

**Materials:** Steel with QPQ.

**Temperature:** -40° to +250°F

**Pressure:** Vacuum to 625 psi.



Tube Requirements

### XT Series Expanded Tube Connectors

Tube Size	Part Number	Connector Termination-A	Connector Diameter (inches)	Connector Length (inches)	Max. X (inches)	Min. X (inches)	Max. Y (inches)	Min. Z (inches)	Flow Diameter (inches)
3/8"	XT-06042	1/4"-18NPTF male	1.25	3.31	1.0	0.30	0.500	0.368	0.12
1/2"	XT-08042	1/4"-18NPTF male	1.37	3.31	1.0	0.30	0.625	0.491	0.22
5/8"	XT-10042	1/4"-18NPTF male	1.50	3.33	1.0	0.30	0.730	0.616	0.25
3/4"	XT-12042	1/4"-18NPTF male	1.62	3.33	1.0	0.37	0.858	0.741	0.27
7/8"	XT-14042	1/4"-18NPTF male	1.72	3.33	1.0	0.37	0.996	0.867	0.28

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