

## “ST” and “XT” - Smooth & Formed Tube Connectors

### Technology Overview

The **ST Series** connectors make reliable, leak tight connections with straight tubes for evacuation or pressure applications such as leak testing, proof testing and processing. The ergonomic sliding sleeve operation makes an instant connection that is further enhanced by pressure and without operator adjustments.

Rugged, heat treated steel components provide excellent resistance to mechanical handling damage but are not recommended for water dunk applications. The mating seal is radially squeezed around the tube upon connection and it is easily replaced without disassembly. The unique collet locking mechanism resists removal under pressure for added safety.

The **XT Series** connectors provide quick and effortless connections for expanded tubing especially copper, steel, and aluminum tubes that are used with refrigerant based products. These connectors utilize redundant seals on the inside of the tube, which is enhanced by pressure, and a sleeve lock which resists removal under pressure and requires no operator adjustments.

The XT's are manufactured from hardened steel material with seals that can be quickly replaced, without disassembly, at your work center minimizing downtime, maintenance and tool inventory. Neoprene seals are standard for refrigerant based applications but they are available with any elastomer required for your application.

### Features and Benefits

#### “ST Series”

- Fits straight tubing sizes 1/4", 5/16", 3/8"
- Seals vacuum to 1000 psi, -40°F to +250°F
- Reliable leak tight sealing to 10<sup>-7</sup> cc/sec
- Durable, replaceable seals with no connector disassembly
- Heat treated steel body assures long life and protection against mechanical damage
- Positive gripping - No operator adjustments!



For Smooth / Swaged Tubes

#### “XT Series”

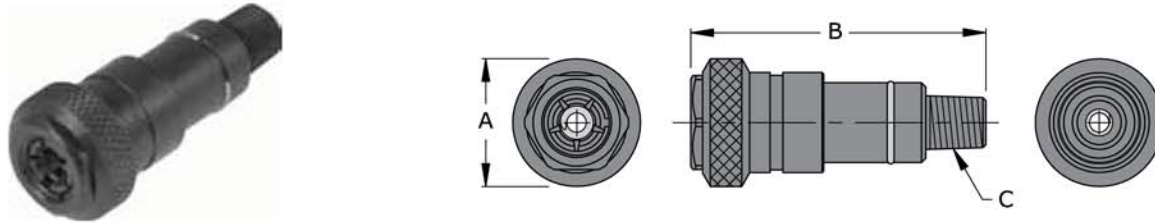
- Fits expanded tubing sizes 3/8", 1/2", 5/8", 3/4", 7/8"
- Seals vacuum to 625 psi, -40°F to +250°F
- Reliable leak tight sealing to 10<sup>-7</sup> cc/sec
- Works well with tube size variation or rough cut ends
- Durable, replaceable seals with no connector disassembly
- Heat treated steel body assures long life and protection against mechanical damage
- Positive gripping - No operator adjustments!



For Formed / Expanded Tubes

## “ST” and “XT” - Smooth & Formed Tube Connectors

### FasTest “ST Series” - Connectors for External Smooth / Swaged Tubes

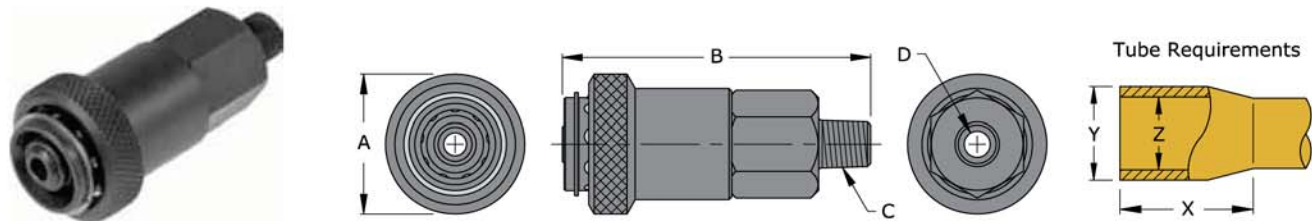


#### “ST Series” - Sleeve Actuated Connectors for Straight / Swaged Tubes

Part Number	Grip Size (+0.015”/-0.010”)	Rated PSI	Dim A	Dim B	Dim C	Insertion Depth	Seal Material	Replacement Collet Sets	Main Seals Package (5)
ST-04042	0.250”	Vacuum to 1000	1.14”	2.75”	1/4” NPT	0.62”	Neoprene	STC04	STB04
ST-05042	0.312”		1.19”					STC05	STB05
ST-06042	0.375”		1.50”					3.23”	0.75”

Note: Not recommended for water dunk applications.

### FasTest “XT Series” - Connectors for External Formed / Expanded Tubes



#### “XT Series” - Sleeve Actuated Connectors for Formed / Expanded Tubes

Part Number	Grip Size (±0.010”)	Rated PSI	Dim A	Dim B	Dim C	Flow Ø Dim D	Dim X	Dim Y	Dim Z	Seal Material	Repair Kit	Main Seals Package (5)
XT-06042	0.375”	Vacuum to 625	1.25”	3.31”	1/4” NPT	0.12”	0.30”-1.00”	0.500”	0.368”	Neoprene	XTR06	XTB06
XT-08042	0.500”		1.37”			0.22”		0.625”	0.491”		XTR08	XTB08
XT-10042	0.625”		1.50”	0.25”		0.730”		0.616”	XTR10		XTB10	
XT-12042	0.750”		1.62”	0.27”		0.858”	0.741”	XTR12	XTB12			
XT-14042	0.875”		1.72”	0.28”		0.996”	0.867”	XTR14	XTB14			

Note: Not recommended for water dunk applications.

ST - XT