













316 Stainless Steel Compression Tube Fittings for Instrumentation Lines










▪ Pkg. qty.: 1, except Ferrul Sets 31LC03-31LC07: 10

Made to tighter tolerances for high-precision applications, they include preassembled bodies, nuts, and sleeves for quick installations. Sleeves grip tubing as the nut tightens compressing the sleeve for a tight seal, without tools. Durable and resist corrosion from caustic chemicals, corrosive fluids, oils, and gases, and withstand pressure and high temperatures.

Single Ferrule Fittings—Include a ferrule (a metal ring or cap) that helps seal metal-to-metal connections and grip tubing. Ferrules install or are removed using a tightening nut. They have fewer leak paths and are resilient to vibrations and pulsations.

Double Ferrule Fittings—Include a front sealing ferrule (metal ring) and a back locking ferrule. A fitting nut is screwed on tubing to tighten and hold fitting and tubing in place. They work with higher pressures than single ferrule fittings and have a stronger grip.

	For Tube OD (in.)	Pipe Size (in.)	Thread Size	Max. Oper. Press. (PSI)	Max. Oper. Temp.	Series	Compat- ible Fitting Brands	Item No.
Single Ferrule Stainless Steel Instrumentation Fittings								
90° Elbow Adapter, Compression x MNPT								
	1/2	1/2	3/4-20	10,000	1,200 °F	CPI™	CPI	1PZJ8 *
		3/4	3/4-20	10,000	1,200 °F	CPI™	CPI	20YZ69 *
	1/4	1/8	1/4-20	10,000	1,200 °F	CPI™	CPI	1PZJ4 *
		1/4	1/4-20	10,000	1,200 °F	CPI™	CPI	1PZJ5 *
	3/8	1/4	1/4-20	10,000	1,200 °F	CPI™	CPI	1PZJ6 *
90° Elbow, Compression x Compression								
	1/2 x 1/2	—	3/4-20 x 3/4-20	10,000	1,200 °F	CPI™	CPI	1PZL2 *
Cap, Compression								
	1/4	—	7/16-20	10,300	1,200 °F	CPI™	CPI	1PZL6 *
Straight Adapter, Compression x MNPT								
	1/2	1/4	3/4-20	10,000	1,200 °F	CPI™	CPI	1PZJ2 *
		3/8	3/4-20	10,000	1,200 °F	CPI™	CPI	1RAC4 *
		1/2	3/4-20	10,000	1,200 °F	CPI™	CPI	1PZJ3 *
	1/4	1/4	1/4-20	10,000	1,200 °F	CPI™	CPI	1PZH5 *
	3/4	3/4	1-20	10,000	1,200 °F	CPI™	CPI	4CWZ7 *
	3/8	1/4	3/4-20	10,000	1,200 °F	CPI™	CPI	1PZH8 *
		3/8	3/4-20	10,000	1,200 °F	CPI™	CPI	1PZH9 *
Straight Connector, Compression x Compression								
	1/2 x 1/2	—	3/4-20 x 3/4-20	10,000	1,200 °F	CPI™	CPI	1PZK5 *
	1/4 x 1/4	—	7/16-20 x 7/16-20	10,000	1,200 °F	CPI™	CPI	1PZK3 *
	3/8 x 3/8	—	9/16-20 x 9/16-20	10,000	1,200 °F	CPI™	CPI	1PZK4 *
Tee, Compression x Compression x Compression								
	1/2 x 1/2 x 1/2	—	3/4-20	10,000	605 °F	—	—	1PZL5 *
	3/8 x 3/8 x 3/8	—	9/16-20	10,000	605 °F	—	—	1PZL4 *
Double Ferrule Stainless Steel Instrumentation Fittings								
90° Elbow Adapter, Compression x MNPT								
	1/2	1/2	3/4-20	6,700	649 °C	—	A-LOK	1PZE4 *
		3/4	3/4-20	9,100	1,200 °F	—	A-LOK	1PZD9 *
	1/4	1/4	1/4-20	7,500	1,200 °F	—	A-LOK	1PZE1 *
		3/8	3/4-20	6,600	649 °C	—	A-LOK	1PZE2 *
	3/8	3/8	3/4-20	6,600	649 °C	—	A-LOK	1PZE3 *
90° Elbow, Compression x Compression								
	1/2 x 1/2	—	3/4-20 x 3/4-20	—	1,200 °F	—	A-LOK	1PZF7 *
		—	7/16-20 x 7/16-20	—	1,200 °F	—	A-LOK	1PZF5 *
	1/4 x 1/4	—	7/16-20 x 7/16-20	10,300	1,200 °F	—	Let-Lok, Swagelok	31LC25 †
		—	1-20 x 1-20	—	1,200 °F	—	A-LOK	2KKZ6 *
	3/8 x 3/8	—	9/16-20 x 9/16-20	—	1,200 °F	—	A-LOK	1PZF6 *
Back Ferrule, Compression								
	1/4	—	—	—	1,200 °F	A-LOK®	Swagelok	1PZH1 *
Double Ferrule Nut, Compression								
	1/4	—	7/16-20	—	1,200 °F	A-LOK®	Swagelok	1WVJ7 *

	For Tube OD (in.)	Pipe Size (in.)	Thread Size	Max. Oper. Press. (PSI)	Max. Oper. Temp.	Series	Compat- ible Fitting Brands	Item No.
Ferrule Set, Compression								
	1/2	—	—	6,750	1,200 °F	Let-Lok	Let-Lok, Swagelok	31LC03 †
	1/4	—	—	10,950	1,200 °F	Let-Lok	Let-Lok, Swagelok	31LC05 †
Front Ferrule, Compression								
	1/4	—	—	—	1,200 °F	A-LOK®	Swagelok	1PZG7 *
Plug, Compression								
	1/4	—	7/16-20	10,300	1,200 °F	A-LOK®	A-LOK	1PZG5 *
	3/8	—	9/16-20	6,600	1,200 °F	A-LOK®	A-LOK	1PZG6 *
Straight Adapter, Compression x FNPT								
	1/2	1/2	3/4-20	6,700	649 °C	—	A-LOK	1PZE7 *
	1/4	1/4	7/16-20	6,600	1,200 °F	—	Let-Lok, Swagelok	31LC29 †
		3/4	7/16-20	10,300	649 °C	—	A-LOK	1PZE5 *
Straight Adapter, Compression x MNPT								
	1/2	1/4	3/4-20	6,700	649 °C	—	A-LOK	1PZD6 *
		1/2	3/4-20	6,700	649 °C	—	A-LOK	1PZD8 *
	1/4	1/2	3/4-20	7,700	1,200 °F	—	Let-Lok, Swagelok	31LC31 †
		3/4	3/4	7/16-20	9,100	649 °C	—	A-LOK
	3/8	1/4	7/16-20	7,500	649 °C	—	A-LOK	1PZC9 *
		3/8	1-20	5,800	649 °C	—	A-LOK	2KKX2 *
	1/4	9/16-20	6,600	649 °C	—	A-LOK	1PZD3 *	
	3/8	3/8	7/16-20	6,600	649 °C	—	A-LOK	1PZD4 *
	1/2	9/16-20	6,600	649 °C	—	A-LOK	1PZD5 *	
Straight Bulkhead Union, Compression x Compression								
	1/4 x 1/4	—	7/16-20 x 7/16-20	10,300	649 °C	—	A-LOK	1PZF2 *
Straight Connector, Compression x Compression								
	1/2 x 1/2	—	3/4-20 x 3/4-20	6,700	649 °C	—	A-LOK	1PZF1 *
		—	3/4-20 x 3/4-20	6,750	1,200 °F	—	Let-Lok, Swagelok	31LC13 †
		—	7/16-20 x 7/16-20	10,300	649 °C	—	A-LOK	1PZF8 *
	1/4 x 1/4	—	7/16-20 x 7/16-20	10,300	1,200 °F	—	Let-Lok, Swagelok	31LC14 †
		3/4 x 3/4	—	1-20 x 1-20	5,800	649 °C	—	A-LOK
		3/8 x 3/8	—	9/16-20 x 9/16-20	6,600	649 °C	—	A-LOK
	3/8 x 3/8	—	9/16-20 x 9/16-20	6,550	1,200 °F	—	Let-Lok, Swagelok	31LC16 †
Straight Reducing Connector, Compression x Compression								
	1/2 x 1/4	—	3/4-20 x 7/16-20	—	649 °C	—	A-LOK	2KKY8 *
	1/2 x 3/8	—	3/4-20 x 9/16-20	—	649 °C	—	A-LOK	2KKY9 *
	3/8 x 1/4	—	9/16-20 x 7/16-20	—	649 °C	—	A-LOK	2KKY7 *
Tee, Compression x Compression x Compression								
	1/4 x 1/4 x 1/4	—	7/16-20	10,900	1,200 °F	—	A-LOK	1PZF8 *
	3/8 x 3/8 x 3/8	—	9/16-20	6,600	1,200 °F	—	A-LOK	1PZF9 *

* Parker brand. † Ham-Let brand.

DOT Air Brake Compression Fittings for J844 Tubing



- Brass
- Series: NTA
- Include pre-applied thread sealant
- Max. operating temp.: 200°F
- Max. operating pressure: 150 psi

Fittings include preassembled bodies, nuts, and sleeves for quick installations. Sleeves grip tubing as the nut tightens and compresses the sleeve for a tight seal. Connect to J844 brake system connections used in auto shops, heavy truck repair, and manufacturing facilities. They meet all parameters for DOT applications.

Connection Type Compression x ...	For Tube OD	Pipe Size	Threading Size	Overall Length	Item No.
90° Elbow Adapter					
MNPT	3/8 in	1/4 in	1 1/2-24	1 1/4 in	11G291
Straight Adapter					
MNPT	1/4 in	1/8 in	7/16-24	1 1/2 in	11G261
MNPT	3/8 in	1/4 in	1 1/2-24	1 3/4 in	11G265
Straight Connector					
Compression	1/4 in x 1/4 in	—	7/16-24 x 7/16-24	1 1/2 in	11G333
Compression	1/2 in x 1/2 in	—	1 1/16-20 x 1 1/16-20	2 1/8 in	11G335
Compression	3/8 in x 3/8 in	—	1 1/32-24 x 1 1/32-24	2 in	11G334

