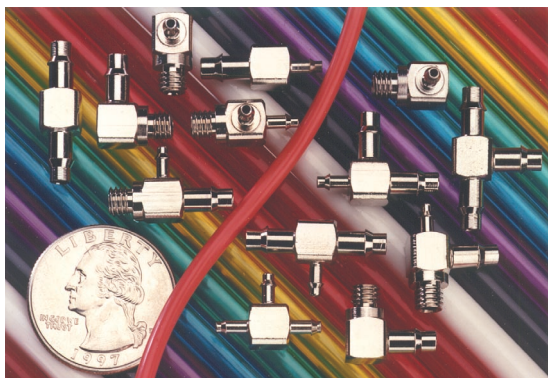




MINIMATIC® SLIP-ON FITTINGS



Minimatic® slip-on fittings provide a flexible, easy alternative to ferrule and push-to-connect design fittings.

Clippard Minimatic® slip-on fittings are designed to be used with Clippard urethane hose. The flexibility and strength of urethane hose and the compact design of the fittings are ideal for pneumatic applications where convenience and size are considerations. The Minimatic® slip-on fitting used with Clippard urethane hose will provide a leak free connection that will hold well beyond the working pressure of the hose without the need for additional clamps.

Minimatic® slip-on fittings are available in a wide variety of configurations in a number of styles including tee, connectors, crosses, swivel, and universal. Barb sizes can be mixed on the same fitting for applications requiring multiple tubing sizes. The electroless nickel plating of Minimatic® slip-on fittings provides corrosion resistance in applications involving high moisture, while enabling the fittings to retain their original, lustrous appearance.

Features

- Single barb design for quick and easy positive seal
- Miniature size provides low profile
- Multiple configurations for every need
- Electroless nickel plating
- Available with 1/16" or 1/8" hose barb
- Available with #10-32 thread and 1/8 NPT
- Holds to the burst pressure of polyurethane hose

CONNECTOR FITTINGS

Material: Brass electroless nickel plated

Gasket: Buna-N gasket included with 10-32 threads except when ordered in bulk

Hose to Hose Connectors

<p>C22</p>	<p>C42</p>	<p>C-44</p>
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10-32 to Hose Connectors

<p>CT2 Gasket comes pre-installed</p>	<p>CT4 Gasket comes pre-installed</p>
<p>CT0-2 Gasket included. Not installed</p>	<p>CT0-4 Gasket included. Not installed</p>

"T" FITTINGS







Material: Brass electroless nickel plated
Gasket: Buna-N gasket included with 10-32 threads except when ordered in bulk

Hose to Hose "T" Fittings


<p>T42-4</p>  <p>1/16 ID hose barb .728 1/4 sq. .525 (2) 1/8 ID hose barb</p>	<p>T44-2</p>  <p>.453 .800 (2) 1/8 ID hose barb 1/16 ID hose barb 1/4 sq.</p>	<p>T44-4</p>  <p>.800 (3) 1/8 ID hose barb 1/4 sq. .525</p>
<p>T22-2</p>  <p>.453 .656 (3) 1/16 ID hose barb 1/4 sq.</p>	<p>T22-4</p>  <p>.525 .656 (2) 1/16 ID hose barb 1/8 ID hose barb 1/4 sq.</p>	<p>T42-2</p>  <p>.453 .728 (2) 1/16 ID hose barb 1/4 sq. 1/8 ID hose barb</p>

10-32 to "T" Fittings

Gasket: Buna-N gasket included (not installed)

<p>TT0-202</p>  <p>.656 .468 (2) 1/16 ID hose barb 1/4 sq. #10-32 thd.</p>	<p>TT0-402</p>  <p>.728 .468 1/16 ID hose barb #10-32 thd. 1/8 ID hose barb 1/4 sq.</p>	<p>TT0-404</p>  <p>1/4 sq. .800 .468 (2) 1/8 ID hose barb #10-32 thd.</p>
<p>TT2-2</p>  <p>.453 .671 (2) 1/16 ID hose barb 1/4 sq. #10-32 thd.</p>	<p>TT2-4</p>  <p>.525 .671 1/16 ID hose barb 1/8 ID hose barb #10-32 thd. 1/4 sq.</p>	<p>TT4-2</p>  <p>.453 .743 1/8 ID hose barb 1/16 ID hose barb #10-32 thd. 1/4 sq.</p>

TT4-4



.525
 .743
 1/4 sq.
 (2) 1/8 ID hose barb
 #10-32 thd.

Tip
 When assembling 10-32 threaded fittings with gaskets, turn the fitting in until the gasket contacts the surface. Then give the fitting less than a 1/4 turn to achieve a good seal.

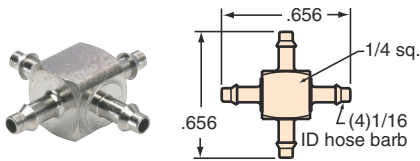
"X" FITTINGS

Material: Brass electroless nickel plated

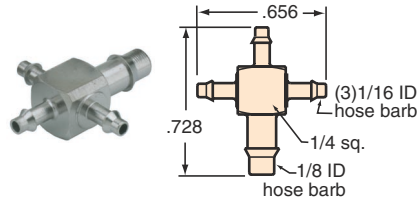
Gasket: Buna-N gasket included with 10-32 threads except when ordered in bulk

Hose to Hose "X" Fittings

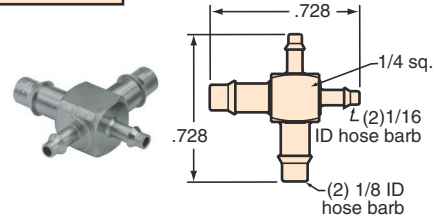
X22-202



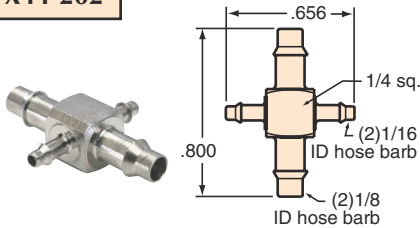
X42-202



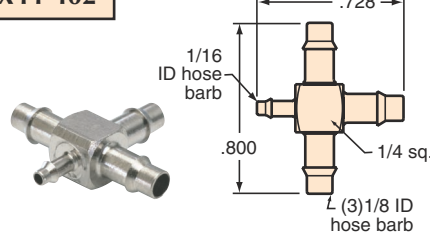
X42-402



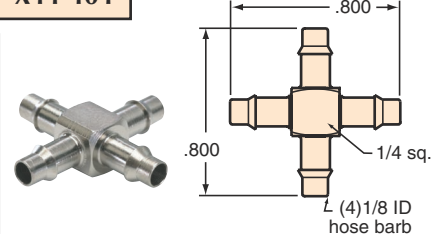
X44-202



X44-402



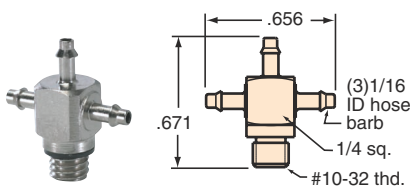
X44-404



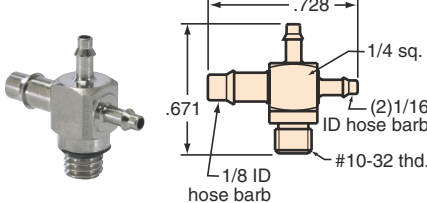
10-32 to Hose "X" Fittings

Gasket: Buna-N gasket included (not installed)

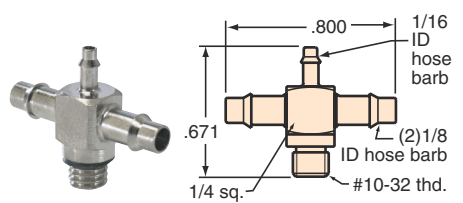
XT2-202



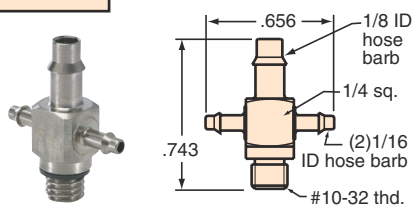
XT2-402



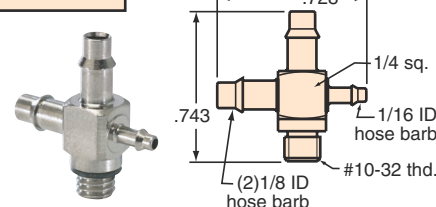
XT2-404



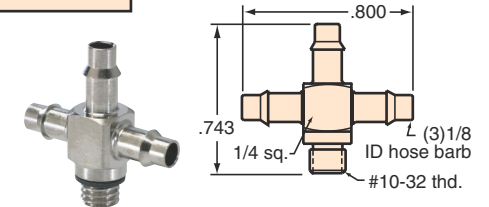
XT4-202



XT4-402



XT4-404



UNIVERSAL FITTINGS

Buna-N o-ring included with universal fittings

Material: Brass electroless nickel plated

Gasket: Buna-N gasket included with 10-32 threads except when ordered in bulk

Universal "L" Fittings

UT0-2		UT0-4		UT0-F	
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Universal "X" Fittings

UTF-2002		UTF-4002		UTF-4004	
UTF-F0F		<p>Tip Most Clippard 10-32 threaded fittings require no more than 9 inch pounds of torque to seal. We recommend that this force not be exceeded.</p>			

Universal "T" Fittings

UT0-2002		UT0-4002		UT0-4004	
UT0-F0F		UTF-F		UTF-2	
		UTF-4			


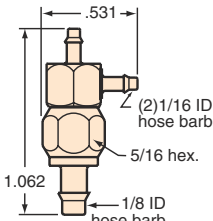

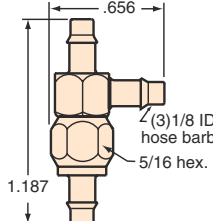

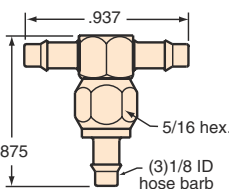


MINIMATIC® SLIP-ON FITTINGS


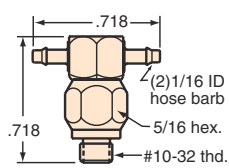

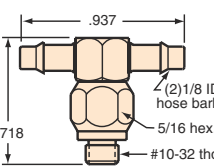

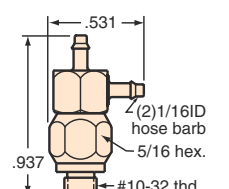

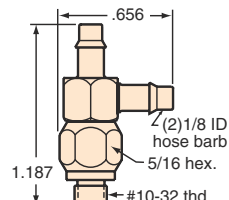

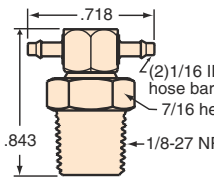

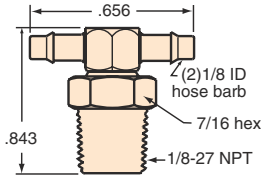

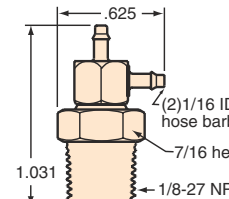

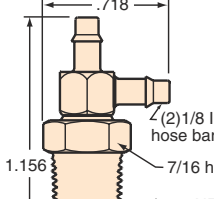
SWIVEL FITTINGS

Material: Brass electroless nickel plated
Gasket: Buna-N gasket included with 10-32 threads except when ordered in bulk


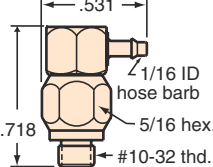

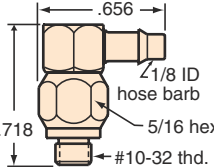

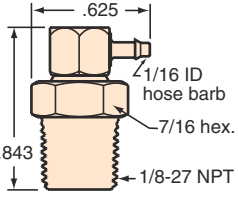

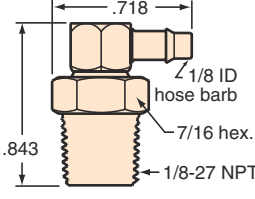

Hose to Hose Swivel "T" Fittings

<p>S42-2</p> 		<p>S44-4</p> 		<p>S40-4004</p> 	
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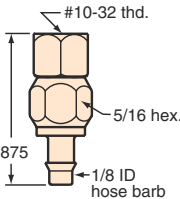

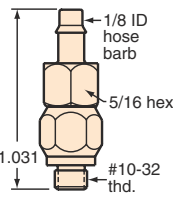

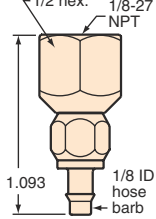

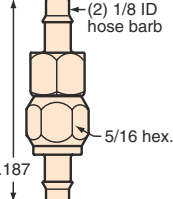
10-32 to Hose Swivel "T" Fittings

<p>ST0-2002</p> 		<p>ST0-4004</p> 		<p>ST2-2</p> 	
<p>ST4-4</p> 		<p>SP0-2002</p> 		<p>SPO-4004</p> 	
<p>SP2-2</p> 		<p>SP4-4</p> 			

10-32 to Hose Swivel “L” Fittings

ST0-2 	 <p>.531 .718 1/16 ID hose barb 5/16 hex. #10-32 thd.</p>	ST0-4 	 <p>.656 .718 1/8 ID hose barb 5/16 hex. #10-32 thd.</p>	<p>Material: Brass electroless nickel plated Gasket: Buna-N gasket included with 10-32 threads except when ordered in bulk</p>	
SP0-2 	 <p>.625 .843 1/16 ID hose barb 7/16 hex. 1/8-27 NPT</p>	SP0-4 	 <p>.718 .843 1/8 ID hose barb 7/16 hex. 1/8-27 NPT</p>		S40-4 

Connector Swivel Fittings

S4F 	 <p>#10-32 thd. .875 5/16 hex. 1/8 ID hose barb</p>	ST4 	 <p>1/8 ID hose barb 5/16 hex. #10-32 thd. 1.031</p>	S4N 	 <p>1/2 hex. 1/8-27 NPT 1.093 1/8 ID hose barb</p>	S44 	 <p>(2) 1/8 ID hose barb 5/16 hex. 1.187</p>
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Tips On Using Slip-On Fittings

Hose or Tubing Size

The use of different sizes of hose or tubing in your circuits deserves some care and consideration. In general, follow the manufacturer’s guide for the size of hose or tubing you use. For air logic circuits, we recommend:

- 1/16" ID for pilots
- 1/8" ID for supplies and outputs

Swivel Fittings

Minimatic® swivel connector fittings are very efficient in applications where joints need to be disconnected and reconnected frequently. Made with a threaded connection on one end and a swivel connection on the other, these fittings provide a true cost savings on pneumatic circuit designs. They are valuable also where short lengths of hose are being connected. Note: These are not rotating joints. They are for assembly benefits... not as a constant rotation connection.

Tightening 10-32 Fittings

TIGHTEN WITH CARE. Often a “finger tight” connection between Clippard fittings with anaerobic sealant is all that is required. When using a gasket, most Clippard 10-32 threaded fittings require no more than 9 inch pounds of torque to seal. We recommend that this force not be exceeded. Use wrench #11770 with a 1/4" and 5/16" open-end.

11770	Material: Chrome plated steel
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