



Minimatic barb fittings provide a flexible, easy alternative to ferule and push-to-connect design fittings.

Clippard Minimatic barb 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 barb 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 barb 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 barb fittings provides corrosion resistance in applications involving high moisture, while enabling the fittings to retain their original, lustrous appearance. Buna-N gasket included with #10-32 threads except when ordered in bulk.

## Features

- Miniature size provides low profile
- Multiple configurations for every need
- Brass or Brass Electroless nickel plating
- Available with 1/16", 3/32" or 1/8" hose barb
- Available with #10-32 thread and 1/8" NPT
- Holds to the burst pressure of polyurethane hose



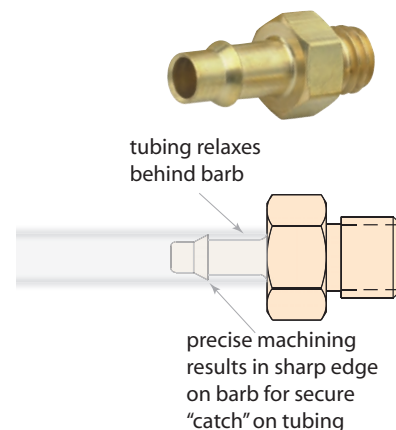
## Miniature Pneumatic Fittings Poster

Clippard's full-color fittings poster displays hundreds of available fittings including Push-Quick, Barb, Brass, Quick-Connect and more. Also included is an extensive variety of miniature hose and tubing from copper and nylon to flexible polyurethane, vinyl and Buna-N. Sizes include 1/8" c 1/4", 5/32", 6 mm, 8 mm, 3/8" and 1/2" OD in various styles. Call to request a copy.



## Single-Barb Fittings

- Allow for easier assembly onto tubing
- Provide less leakage potential and increased pressure performance
- Reduce the need to constantly tighten the assembly
- Provide a single sharp edge allowing the barb to catch onto the tubing for a leak-free connection
- Require less clamp pressure
- Allow tubing to "relax" to its original size which is essential to the assembly and pressure of the connection.





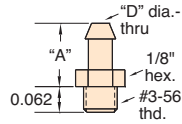
# MINIMATIC® BARB CONNECTORS

All fittings are brass unless otherwise noted, i.e. ENP (Electroless Nickel-Plated)

## #3-56 to Barb Connectors

### #3-56 Male to 1/16" Barb

(10/pack)

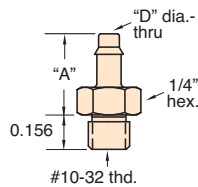


Barb (ID)	Order No.	"A"	"D" Dia.
1/16"	<a href="#">11750-2</a>	0.187"	0.046"

## #10-32 to Barb Connectors

### #10-32 Male to Single Barb

(10/pack)



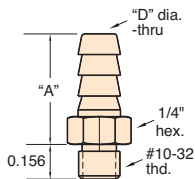
Barb (ID)	Order No.	"A"	"D" Dia.	Material
1/16"	<a href="#">11752-5*</a>	0.312"	0.052"	Brass
3/32"	<a href="#">11752-8*</a>	0.367"	0.073"	Brass
1/8"	<a href="#">11752-4*</a>	0.406"	0.109"	Brass
1/16"	<a href="#">CT2**</a>	0.328"	0.052"	ENP Brass
3/32"	<a href="#">CT3**</a>	0.367"	0.073"	ENP Brass
1/8"	<a href="#">CT4**</a>	0.406"	0.109"	ENP Brass

\* Buna-N gasket furnished in pack quantity only

\*\* Gasket pre-installed

### #10-32 Male to Multi Barb

(10/pack)

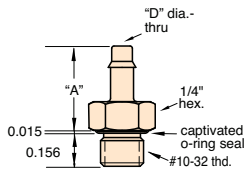


Barb (ID)	Order No.	"A"	"D" Dia.
1/16"	<a href="#">11752-2</a>	0.437"	0.052"
1/8"	<a href="#">11752-3</a>	0.500"	0.109"
1/8"	<a href="#">11752-1</a>	0.656"	0.090"

Buna-N gasket furnished in pack quantity only

### #10-32 Male with Captivated O-Rings to Barb, 1/4" Hex.

(10/pack)

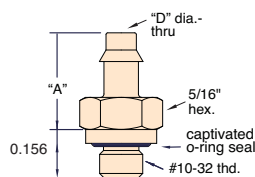


Barb (ID)	Order No.	"A"	"D" Dia.
1/16"	<a href="#">11792-5</a>	0.313"	0.052"
3/32"	<a href="#">11792-8</a>	0.352"	0.073"
1/8"	<a href="#">11792-4</a>	0.391"	0.109"

Buna-N o-ring furnished installed

### #10-32 Male with Captivated O-Rings to Barb, 5/16" Hex.

(10/pack)

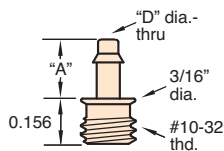


Barb (ID)	Order No.	"A"	"D" Dia.
1/16"	<a href="#">11782-5-ENP</a>	0.481"	0.055"
1/8"	<a href="#">11782-4-ENP</a>	0.512"	0.109"

Buna-N o-ring furnished installed

### #10-32 Male Flush Fitting to Barb

(10/pack)



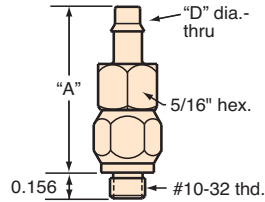
Barb (ID)	Order No.	"A"	"D" Dia.
1/16"	<a href="#">12841</a>	0.203"	0.052"
3/32"	<a href="#">12843</a>	0.242"	0.073"
1/8"	<a href="#">12842</a>	0.325"	0.104"

Gasket not required; thread sealant required. Tighten by hand for flush mounting in #10-32 threaded holes.

All fittings are brass unless otherwise noted, i.e. ENP (Electroless Nickel-Plated)

## ENP #10-32 Male to Barb Swivel

(5/pack)

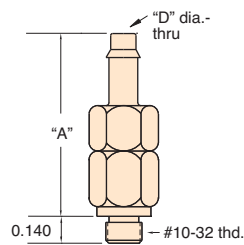


Barb (ID)	Order No.	"A"	#D" Dia.
3/32"	<a href="#">ST3</a>	0.821"	0.052"
1/8"	<a href="#">ST4</a>	0.891"	0.109"

Gasket included, not installed

## #10-32 Male to 1/8" I.D. Barb Swivel

(5/pack)



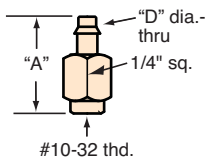
Barb (ID)	Order No.	"A"	"D" Dia.
1/8"	<a href="#">15045</a>	0.762"	0.109"

Not to be used as a constant rotation junction

**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.

## #10-32 Female to Barb

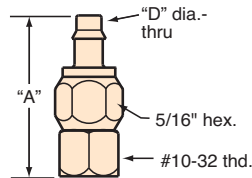
(5/pack)



Barb (ID)	Order No.	"A"	"D" Dia.
1/16"	<a href="#">CF2</a>	0.640"	0.052"
3/32"	<a href="#">CF3</a>	0.640"	0.073"
1/8"	<a href="#">CF4</a>	0.718"	0.109"

## ENP #10-32 Female to Barb Swivel

(5/pack)

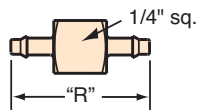


Barb (ID)	Order No.	"A"	"D" Dia.
3/32"	<a href="#">S3F</a>	0.821"	0.052"
1/8"	<a href="#">S4F</a>	0.871"	0.109"

## Barb to Barb Connectors

### ENP Barb to Barb

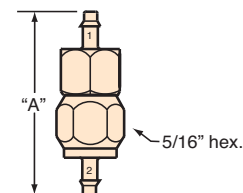
(5/pack)



Barb (ID)	Barb (ID)	Order No.	"R"
1/16"	1/16"	<a href="#">C22</a>	0.656"
1/16"	3/32"	<a href="#">C32</a>	0.684"
1/16"	1/8"	<a href="#">C42</a>	0.734"
3/32"	3/32"	<a href="#">C33</a>	0.712"
3/32"	1/8"	<a href="#">C43</a>	0.762"
1/8"	1/8"	<a href="#">C44</a>	0.812"

### ENP Barb to Barb Swivel

(5/pack)



Barb (ID) 1	Barb (ID) 2	Order No.	"A"
3/32"	3/32"	<a href="#">S33</a>	1.052"
1/8"	1/8"	<a href="#">S44</a>	1.183"

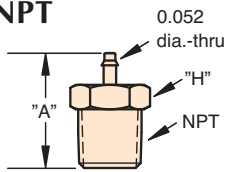


# MINIMATIC® BARB TO NPT CONNECTORS

All fittings are brass unless otherwise noted, i.e. ENP (Electroless Nickel-Plated)

## 1/16" Barb to Male NPT

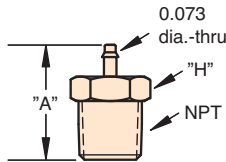
(5/pack)



NPT	Order No.	"A"	"H" Hex.
1/16"	<a href="#">1C12</a>	0.490"	5/16"
1/8"	<a href="#">2CP2</a>	0.740"	7/16"
1/4"	<a href="#">4CQ2</a>	0.770"	9/16"
3/8"	<a href="#">6CW2</a>	0.890"	11/16"
13/16"	<a href="#">8CZ2</a>	1.020"	13/16"

## 3/32" Barb to Male NPT

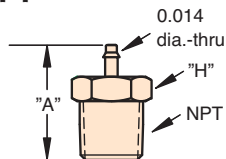
(5/pack)



NPT	Order No.	"A"	"H" Hex.
1/16"	<a href="#">1C13</a>	0.710"	5/16"
1/8"	<a href="#">2CP3</a>	0.773"	7/16"
1/4"	<a href="#">4CQ3</a>	0.804"	9/16"
3/8"	<a href="#">6CW3</a>	0.929"	11/16"
13/16"	<a href="#">8CZ3</a>	1.054"	13/16"

## 1/8" Barb to Male NPT

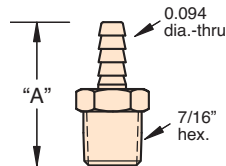
(5/pack)



NPT	Order No.	"A"	"H" Hex.
1/16"	<a href="#">1C14</a>	0.719"	5/16"
1/8"	<a href="#">2CP4</a>	0.860"	7/16"
1/4"	<a href="#">4CQ4</a>	0.890"	9/16"
3/8"	<a href="#">6CW4</a>	1.020"	11/16"
13/16"	<a href="#">8CZ4</a>	1.140"	13/16"

## 1/8" Barb to Male NPT

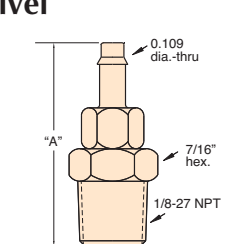
(5/pack)



Barb (ID)	Order No.	"A"
1/8"	<a href="#">11924-1</a>	1.000"

## Barb to 1/8" NPT Swivel

(5/pack)

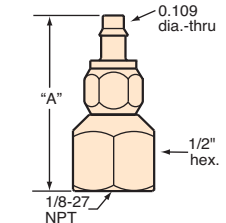


Barb (ID)	Order No.	"A"
1/8"	<a href="#">15055</a>	1.155"

*Buna-N o-ring furnished installed  
Not to be used as a constant rotation junction*

## ENP 1/8" NPT Swivel

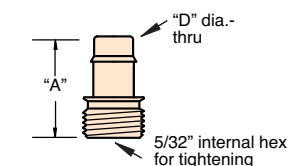
(5/pack)



Barb (ID)	Order No.	"A"
1/8"	<a href="#">S4N</a>	1.103"

## 1/4" Barb to Male NPT Flush Fittings

(5/pack)



Barb (ID)	Order No.	"A"	NPT
1/8"	<a href="#">12844*</a>	0.625"	1/8"
1/4"	<a href="#">12845*</a>	0.625"	1/4"

*\* Requires thread sealant. Threads specifically designed to go flush into 1/8" or 1/4" NPT female port*

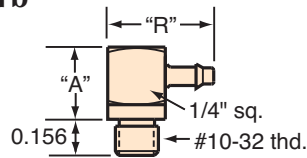
# MINIMATIC® ELBOW BARB FITTINGS



All fittings are ENP (Electroless Nickel-Plated)

## #10-32 Male to Barb

(5/pack)

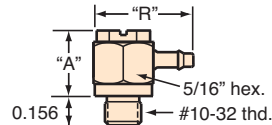


Barb (ID)	Order No.	"A"	"R"
1/16"	<a href="#">CT0-2</a>	0.312"	0.468"
3/32"	<a href="#">CT0-3</a>	0.312"	0.493"
1/8"	<a href="#">CT0-4</a>	0.312"	0.562"

Gasket included, not installed

## #10-32 Male to Barb Universal

(5/pack)

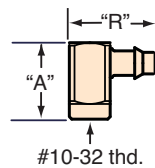


Barb (ID)	Order No.	"A"	"R"
1/16"	<a href="#">UT0-2</a>	0.344"	0.504"
3/32"	<a href="#">UT0-3</a>	0.344"	0.556"
1/8"	<a href="#">UT0-4</a>	0.344"	0.576"

Buna-N o-ring included

## #10-32 Female to Barb

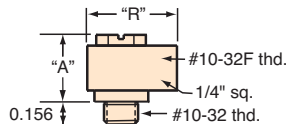
(5/pack)



Barb (ID)	Order No.	"A"	"R"
1/16"	<a href="#">CF0-2</a>	0.468"	0.453"
3/32"	<a href="#">CF0-3</a>	0.468"	0.493"
1/8"	<a href="#">CF0-4</a>	0.468"	0.525"

## Universal #10-32

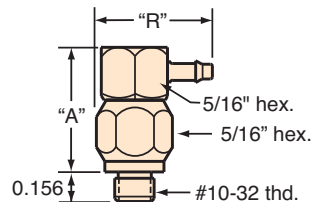
(5/pack)



Order No.	"A"	"R"
<a href="#">UT0-F</a>	0.344"	0.500"

## #10-32 Male to Barb Swivel

(5/pack)

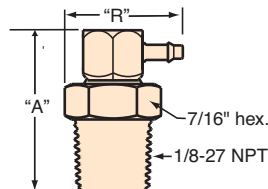


Barb (ID)	Order No.	"A"	"R"
1/16"	<a href="#">ST0-2</a>	0.578"	0.531"
3/32"	<a href="#">ST0-3</a>	0.578"	0.580"
1/8"	<a href="#">ST0-4</a>	0.578"	0.611"

Gasket included, not installed

## 1/8" NPT Male Swivel

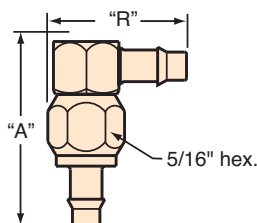
(5/pack)



Barb (ID)	Order No.	"A"	"R"
1/16"	<a href="#">SP0-2</a>	0.843"	0.612"
1/16"	<a href="#">SP0-3</a>	0.843"	0.653"
1/8"	<a href="#">SP0-4</a>	0.843"	0.684"

## 1/8" Barb to Barb Swivel

(5/pack)



Barb (ID)	Order No.	"A"	"R"
1/8"	<a href="#">S40-4</a>	0.875"	0.656"

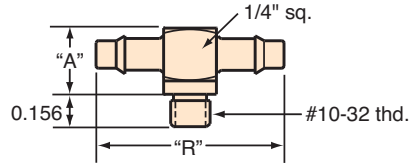


# #10-32 BRANCH TEES

All fittings are ENP (Electroless Nickel-Plated)

## #10-32 Male to Barb

(5/pack)

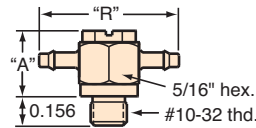


Barb (ID)	Barb (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">TT0-202</a>	0.312"	0.670"
3/32"	3/32"	<a href="#">TT0-303</a>	0.312"	0.738"
1/8"	1/16"	<a href="#">TT0-402</a>	0.312"	0.748"
1/8"	1/8"	<a href="#">TT0-404</a>	0.312"	0.826"

Buna-N gasket included, not installed

## #10-32 Male Universal

(5/pack)

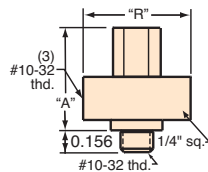


Barb (ID)	Barb (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">UT0-2002</a>	0.344"	0.718"
1/16"	3/32"	<a href="#">UT0-3002</a>	0.344"	0.759"
1/8"	3/32"	<a href="#">UT0-3003</a>	0.344"	0.800"
1/8"	1/16"	<a href="#">UT0-4002</a>	0.344"	0.790"
1/8"	3/32"	<a href="#">UT0-4003</a>	0.344"	0.832"
1/8"	1/8"	<a href="#">UT0-4004</a>	0.344"	0.863"

Buna-N o-ring included

## Universal #10-32

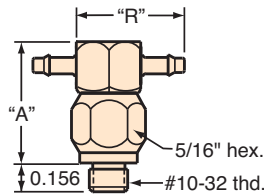
(5/pack)



Order No.	"A"	"R"
<a href="#">UT0-FOF</a>	0.351"	0.500"

## #10-32 Male Swivel

(5/pack)

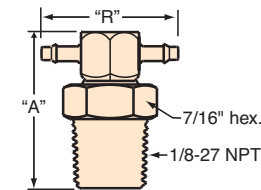


Barb (ID)	Barb (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">ST0-2002</a>	0.578"	0.718"
3/32"	3/32"	<a href="#">ST0-3003</a>	0.578"	0.801"
1/8"	1/8"	<a href="#">ST0-4004</a>	0.578"	0.863"

Gasket included, not installed

## 1/8" NPT Male Swivel

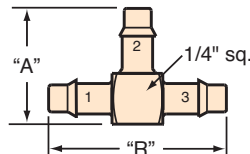
(5/pack)



Barb (ID)	Barb (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">SP0-2002</a>	0.843"	0.718"
3/32"	3/32"	<a href="#">SP0-3003</a>	0.843"	0.801"
1/8"	1/8"	<a href="#">SP0-4004</a>	0.843"	0.863"

## Barb to Barb

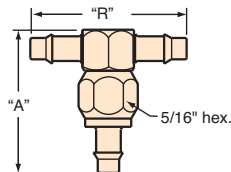
(5/pack)



Barb 1 (ID)	Barb 2 (ID)	Barb 3 (ID)	Order No.	"A"	"R"
1/16"	1/16"	1/16"	<a href="#">T22-2</a>	0.671"	0.460"
1/16"	1/16"	1/8"	<a href="#">T42-2</a>	0.734"	0.460"
1/16"	3/32"	1/16"	<a href="#">T22-3</a>	0.656"	0.494"
1/16"	1/8"	1/16"	<a href="#">T22-4</a>	0.656"	0.538"
1/16"	1/8"	1/8"	<a href="#">T42-4</a>	0.734"	0.538"
3/32"	1/16"	3/32"	<a href="#">T33-2</a>	0.712"	0.460"
3/32"	3/32"	3/32"	<a href="#">T33-3</a>	0.712"	0.494"
3/32"	1/8"	3/32"	<a href="#">T33-4</a>	0.712"	0.538"
1/8"	1/16"	1/8"	<a href="#">T44-2</a>	0.812"	0.460"
1/8"	3/32"	1/8"	<a href="#">T44-3</a>	0.812"	0.494"
1/8"	1/8"	1/8"	<a href="#">T44-4</a>	0.812"	0.538"

## Barb to Barb Swivel

(5/pack)



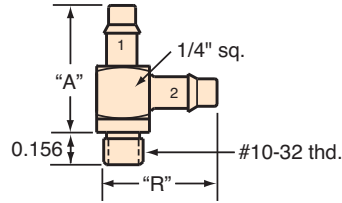
Barb (ID)	Order No.	"A"	"R"
1/8"	<a href="#">S40-4004</a>	0.871"	0.611"



All fittings are ENP (Electroless Nickel-Plated)

## #10-32 Male to Barb

(5/pack)

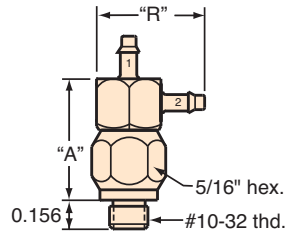


Barb 1 (ID)	Barb 2 (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">TT2-2</a>	0.515"	0.460"
1/16"	1/8"	<a href="#">TT2-4</a>	0.500"	0.525"
3/32"	3/32"	<a href="#">TT3-3</a>	0.543"	0.493"
1/8"	1/16"	<a href="#">TT4-2</a>	0.593"	0.460"
1/8"	1/8"	<a href="#">TT4-4</a>	0.593"	0.538"

Buna-N gasket included, not installed

## #10-32 Male to Barb Swivel

(5/pack)

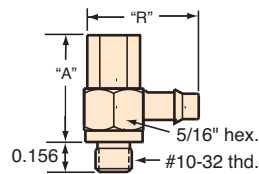


Barb 1 (ID)	Barb 2 (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">ST2-2</a>	0.793"	0.531"
3/32"	3/32"	<a href="#">ST3-3</a>	0.821"	0.580"
1/8"	1/8"	<a href="#">ST4-4</a>	0.902"	0.611"

Gasket included, not installed

## Universal #10-32 to Barb

(5/pack)

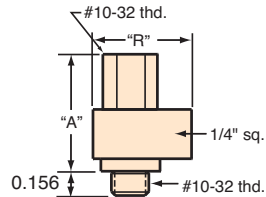


Barb (ID)	Order No.	"A"	"R"
1/16"	<a href="#">UTF-2</a>	0.562"	0.504"
3/32"	<a href="#">UTF-3</a>	0.562"	0.556"
1/8"	<a href="#">UTF-4</a>	0.562"	0.576"

Buna-N o-ring included

## Universal #10-32

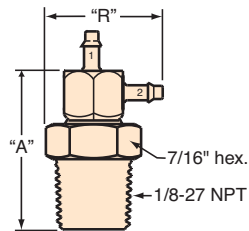
(5/pack)



Order No.	"A"	"R"
<a href="#">UTF-F</a>	0.562"	0.500"

## 1/8" NPT Male to Barb

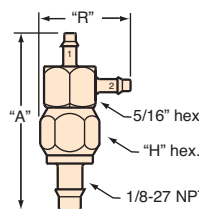
(5/pack)



Barbs (ID)	Order No.	"A"	"R"
1/16"	<a href="#">SP2-2</a>	1.031"	0.625"
3/32"	<a href="#">SP3-3</a>	0.656"	1.062"
1/8"	<a href="#">SP4-4</a>	1.156"	0.718"

## Barb to Barb Swivel

(5/pack)



Barb 1 (ID)	Barb 2 (ID)	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">S42-2</a>	1.074"	0.531"
1/8"	1/8"	<a href="#">S44-4</a>	1.183"	0.611"

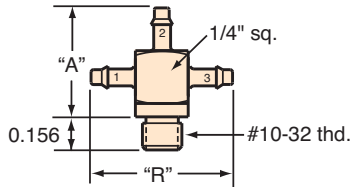


# MINIMATIC® CROSS & COMPRESSION FITTINGS

All fittings are ENP (Electroless Nickel-Plated) unless otherwise noted

## #10-32 Male to Barb

(5/pack)

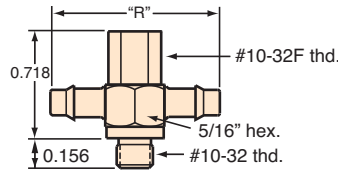


Barb 1 (ID)	Barb 2 (ID)	Barb 3 (ID)	Order No.	"A"	"R"
1/16"	1/16"	1/16"	<a href="#">XT2-202</a>	0.515"	0.670"
1/16"	1/8"	1/16"	<a href="#">XT4-202</a>	0.593"	0.670"
3/32"	3/32"	3/32"	<a href="#">XT3-303</a>	0.543"	0.736"
1/8"	1/16"	1/16"	<a href="#">XT2-402</a>	0.515"	0.748"
1/8"	1/16"	1/8"	<a href="#">XT2-404</a>	0.515"	0.826"
1/8"	1/8"	1/16"	<a href="#">XT4-402</a>	0.593"	0.748"
1/8"	1/8"	1/8"	<a href="#">XT4-404</a>	0.593"	0.826"

Buna-N gasket included, not installed

## Universal #10-32 to Barb

(5/pack)

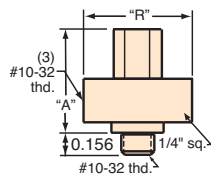


Barb	Barb	Order No.	"A"	"R"
1/16"	1/16"	<a href="#">UTF-2002</a>	0.562"	0.718"
3/32"	3/32"	<a href="#">UTF-3003</a>	0.562"	0.800"
1/8"	1/16"	<a href="#">UTF-4002</a>	0.562"	0.790"
1/8"	1/8"	<a href="#">UTF-4004</a>	0.562"	0.863"

Buna-N o-ring included

## Universal #10-32

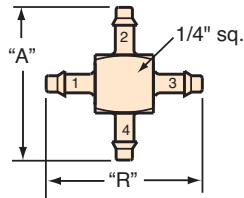
(5/pack)



Order No.	"A"	"R"
<a href="#">UTF-FOE</a>	0.562"	0.625"

## Barb to Barb

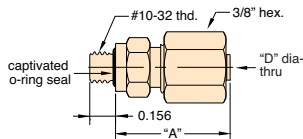
(5/pack)



Barb 1	Barb 2	Barb 3	Barb 4	Order No.	"A"	"R"
1/16"	1/16"	1/16"	1/16"	<a href="#">X22-202</a>	0.656"	0.670"
1/16"	1/16"	1/16"	3/32"	<a href="#">X32-202</a>	0.684"	0.670"
1/16"	1/16"	1/16"	1/8"	<a href="#">X42-202</a>	0.734"	0.670"
1/16"	1/8"	1/16"	1/8"	<a href="#">X44-202</a>	0.812"	0.670"
1/16"	1/8"	1/8"	1/8"	<a href="#">X44-402</a>	0.812"	0.748"
3/32"	1/16"	3/32"	1/16"	<a href="#">X33-202</a>	0.712"	0.748"
3/32"	3/32"	3/32"	3/32"	<a href="#">X33-303</a>	0.712"	0.736"
3/32"	1/8"	3/32"	1/8"	<a href="#">X44-303</a>	0.812"	0.736"
3/32"	3/32"	3/32"	1/8"	<a href="#">X43-303</a>	0.762"	0.736"
1/8"	1/16"	1/16"	1/8"	<a href="#">X42-402</a>	0.734"	0.748"
1/8"	1/8"	1/8"	1/8"	<a href="#">X44-404</a>	0.812"	0.826"

## Compression Fittings

### Brass #10-32 to Tube Compression Fittings with Captivated O-Rings

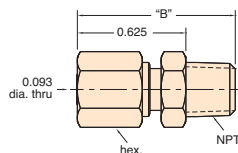


Tube (OD)	Order No.	"A"	"D" Dia.
1/8"	<a href="#">11923</a>	0.694"	0.090"
1/16"	<a href="#">15160</a>	0.694"	0.046"

Options: (-ENP)

Replacement Ferrule and nut #15155 (11923 only)

### Brass NPT to 1/8" O.D. Tube Compression Fittings



NPT	Order No.	"B"	Hex
1/8"	<a href="#">3810-1</a>	1.035"	7/16"
1/16"	<a href="#">3810-2</a>	0.914"	3/8"

Options: (-ENP)

Replacement Ferrule and nut #15155