



MINIATURE PUSH-QUICK FITTINGS

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Push Quick Miniature

- BT - Branch Tee
- BU - Bulkhead Union
- CC - Compact Male Conn.
- EE - Extended Elbow
- EU - Elbow Union
- FC - Female Connector

Fitting Type

- MC - Male Connector
- ME - Male Elbow
- RT - Run Tee
- SU - Straight Union
- TU - Tee Union

Tubing Size (O.D.)

- 04 - 1/8" (0.125")
- 05 - 5/32" (0.156") (4 mm)
- 08 - 1/4" (0.250")

Thread Size
Blank- No Thread
N - #10-32
P - 1/4" NPT

Like Clippard's larger series Push-Quick Fittings available on the previous pages, the Miniature Push-Quick Fittings speed tube insertion for assembling pneumatic circuits. The fittings provide a simple method to connect pneumatic components and accept both flexible hose and rigid tubing.

New, Much Smaller in Size!

Available in 5/32" (4 mm) and 1/4" O.D. tubing, the fittings permit full flow through the I.D. and there is no small orifice as required with barb fittings. They are available in many configurations with preapplied thread sealant.

Pressure Range: 0 to 150 psig @ 130°F
Vacuum: 0 to 29.5" Hg
Temperature Range: 32 to 140°F
Media: Air, Non-corrosive water
Tube Pull Out Force: >20 lb. @ 75°F (non-pressurized)
Burst Pressure: 350 psig @ 75°F
Materials: Body - Plastic Resin
 Metal Stud - Nickel Plated Brass
 Gripper Ring - Stainless Steel
 Seals - Buna N

Threaded Fittings

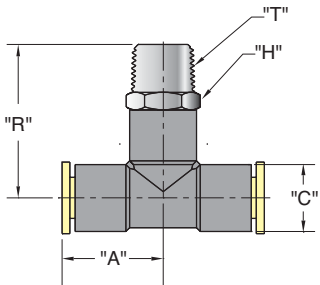
		Male Compact Connector CC	Male Connector MC	Male Elbow ME	Run Tee RT	Branch Tee BT	Extended Elbow EE	Female Connector FC
Tube	Thread							
1/8"	#10-32 1/8" NPT	PQM-CC04N PQM-CC04P	PQM-MC04N PQM-MC04P	PQM-ME04N PQM-ME04P	PQM-RT04N PQM-RT04P	PQM-BT04N PQM-BT04P	PQM-EE04N PQM-EE04P	PQM-FC04N PQM-FC04P
5/32"	#10-32 1/8" NPT	PQM-CC05N PQM-CC05P	PQM-MC05N PQM-MC05P	PQM-ME05N PQM-ME05P	PQM-RT05N PQM-RT05P	PQM-BT05N PQM-BT05P	PQM-EE05N PQM-EE05P	PQM-FC05N PQM-FC05P
1/4"	#10-32 1/8" NPT	PQM-CC08N PQM-CC08P	PQM-MC08N PQM-MC08P	PQM-ME08N PQM-ME08P	PQM-RT08N PQM-RT08P	PQM-BT08N PQM-BT08P	PQM-EE08N PQM-EE08P	PQM-FC08N PQM-FC08P

Note: Fittings with pipe thread NPT are supplied with pre-applied sealant.

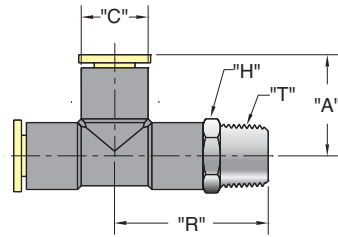
Non-Threaded Fittings

	Straight Union SU	Elbow Union EU	Tee Union TU	Bulkhead Union BU
Tube Size				
1/8"	PQM-SU04	PQM-EU04	PQM-TU04	PQM-BU04
5/32"	PQM-SU05	PQM-EU05	PQM-TU05	PQM-BU05
1/4"	PQM-SU08	PQM-EU08	PQM-TU08	PQM-BU08

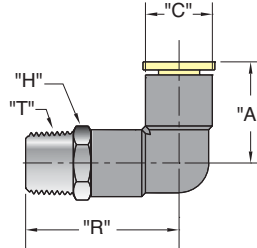
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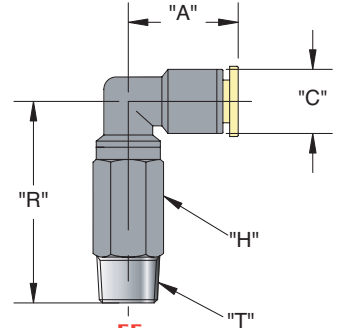
BT



RT

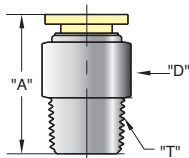


ME

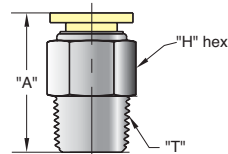


EE

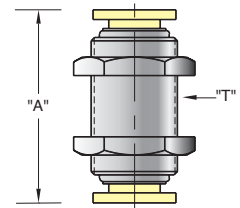
Part Number	Tubing Size	"T" Thread	"A"	"C"	"H"	"R"	Part Number	Tubing Size	"T" Thread	"A"	"C"	"H"	"R"
PQM-BT05N	5/32"	#10-32	0.593"	0.335"	5/16"	0.645"	PQM-ME05N	5/32"	#10-32	0.618"	0.335"	5/16"	0.512"
PQM-BT05P	5/32"	1/8" NPT	0.593"	0.335"	13/32"	0.783"	PQM-ME05P	5/32"	1/8" NPT	0.618"	0.335"	13/32"	0.650"
PQM-BT08N	1/4"	#10-32	0.700"	0.413"	13/32"	0.787"	PQM-ME08N	1/4"	#10-32	0.700"	0.413"	13/32"	0.807"
PQM-BT08P	1/4"	1/8" NPT	0.700"	0.413"	13/32"	0.846"	PQM-ME08P	1/4"	1/8" NPT	0.700"	0.413"	13/32"	0.866"
PQM-RT05N	5/32"	#10-32	0.551"	0.335"	5/16"	0.622"	PQM-EE05N	5/32"	#10-32	0.618"	0.335"	5/16"	0.965"
PQM-RT05P	5/32"	1/8" NPT	0.551"	0.335"	13/32"	0.760"	PQM-EE05P	5/32"	1/8" NPT				
PQM-RT08N	1/4"	#10-32	0.669"	0.413"	13/32"	0.807"	PQM-EE08N	1/4"	#10-32	0.701"	0.413"	13/32"	1.240"
PQM-RT08P	1/4"	1/8" NPT	0.669"	0.413"	13/32"	0.866"	PQM-EE08P	1/4"	1/8" NPT	0.701"	0.413"	13/32"	1.319"



CC



FC/MC

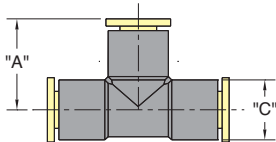


BU

Tubing Size	"T" Thread	"A"	"D"
5/32"	#10-32	0.708"	5/16"
5/32"	1/8" NPT		13/32"
1/4"	#10-32	0.780"	13/32"
1/4"	1/8" NPT	0.783"	13/32"

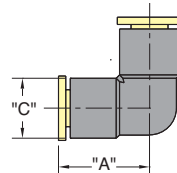
Tubing Size	"T" Thread	"A"	"H"
5/32"	#10-32	0.693"	5/16"
5/32"	1/8" NPT	0.712"	13/32"
1/4"	#10-32	0.748"	13/32"
5/32"	1/8" NPT	0.768"	13/32"

Tubing Size	"T" Thread	"A"
5/32"		1.200"
1/4"		



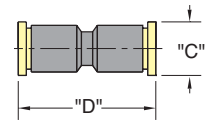
TU

Tubing Size	"A"	"C"
5/32"	0.539"	0.335"
1/4"	0.720"	0.413"



EU

Tubing Size	"A"	"C"
5/32"	0.618"	0.452"
1/4"	0.700"	0.539"

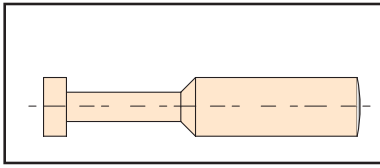


SU

Tubing Size	"C"	"K"
5/32"	0.335"	0.921"
1/4"		



PUSH-QUICK FITTINGS



Push-Quick Plugs

Clippard offers a variety of Push-Quick Plugs in sizes to fit

1/8" through 3/8" O.D. tubing. These plastic plugs may be used to plug the port of a Push-Quick Fitting for later use.

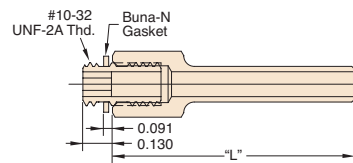
Used as a temporary plug, they may later be removed and tubing inserted to connect to an additional line of a circuit.

Part No.	Description	Part No.	Description
PQ-PG04	1/8" O.D. Tube	PQ-PG08	1/4" O.D. Tube
PQ-PG05	5/32" O.D. Tube	PQ-PG10	5/16" O.D. Tube
PQ-PG06M	6 mm O.D. Tube	PQ-PG12	3/8" O.D. Tube

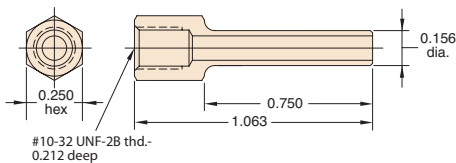
Push-Quick Fitting Adapters

Clippard offers a variety of accessories that are designed for use with Push-Quick Fittings. These include special #10-32 threaded adapters in both male (p/n 11674) and female (p/n 11675) thread configurations and adapters that can be used to plug a Push-Quick fitting.

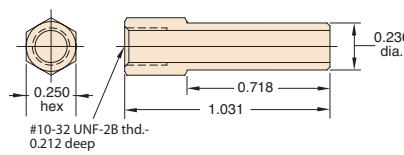
The threaded adapters insert into Push-Quick Fittings and provide either a male or female thread that can be used to mount any Clippard product with a #10-32 threaded inlet. This allows the direct attachment of the product to a Push-Quick Fitting without hoses or additional fittings.



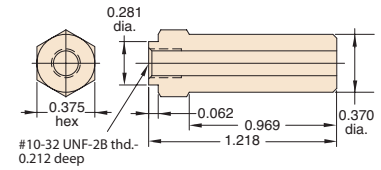
Part No.	"L"	Tube Size
11674-05	1.063"	5/32" OD
11674-08	1.031"	1/4" OD
11674-12	1.218"	3/8" OD



11675-05
5/32" OD Tube



11675-08
1/4" OD Tube



11675-12
3/8" OD Tube

Figure 1 shows an MAV-3 3-Way Valve connected to a PQ-RT05P Run Tee using a 11674-05 Adapter. In this example, the Run Tee is connected to a 1/8" NPT supply pipe.

Figure 2 shows an IND-1M-WH Pressure Indicator connected to a PQ-TU08 Tee Union using a 11675-08 Adapter. If one of the branches of a Push-Quick Fitting is to be used as a temporary pressure gauge port, the PQ-PGXX series of Plugs can be used when the gauge is not in place. Plugs may also be used if Push-Quick Fitting branches are intended for future additions to the circuit, but have no current need.

Figure 3 shows a PQ-CU Cross Union with one branch plugged with a PQ-PG08 Plug.

