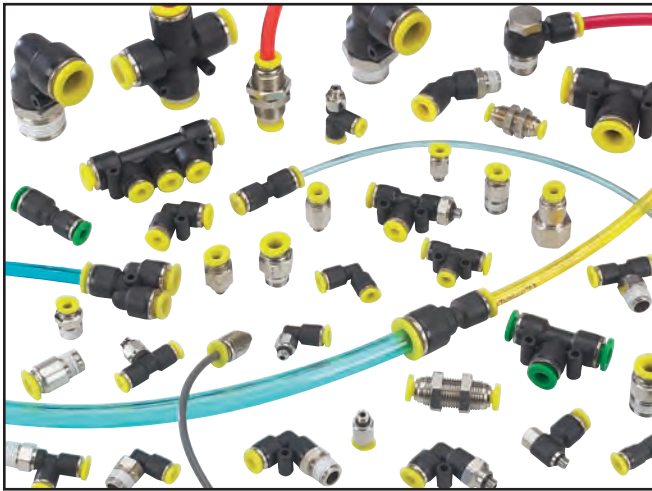




PUSH-QUICK FITTINGS



Clippard Push-Quick Fittings provide a simple method of connecting pneumatic components to each other and system piping. They are designed for use with both flexible hose and stiff tubing made of nylon, urethane, polyethylene or polypropylene.

Pressure Range: 0 - 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

Push-Quick Fittings generally provide higher flows than barbed fittings. The Push-Quick fitting allows full flow through the hose/tubing I.D. with no smaller orifice required as in barb fittings. The chart shows the comparison between barb and push in fittings for various tubing/hose sizes. Push-Quick Fittings are available in nine sizes for 1/8", 5/32", 6 mm, 1/4" and 3/8" O.D. tubing. The 5/32" fittings may also be used with 4 mm O.D. tubing.

Installation of Tubing into fitting

1. Slowly push a clean and perpendicularly cut tubing into the fitting until it comes to a dead stop.
2. Pull the tubing back gently until the Gripper Ring of the fitting grips onto the tubing and has a good seal.

Removal of Tubing from fitting

1. Push in evenly on the two long oval sides of the Release Button.
2. Pull out the tubing while keeping the Release Button depressed.
3. To reuse the tubing; cut off the lodged portion of the previously used tubing evenly and perpendicularly.

Installation of Pipe Fittings with Pre-Applied sealant

1. Tighten fitting by hand, then turn it 2 or 3 turns with a wrench until it reaches the desired torque listed.
2. If the fitting is used and the sealant coating is not in good condition, apply Teflon® sealant tape to the threads.



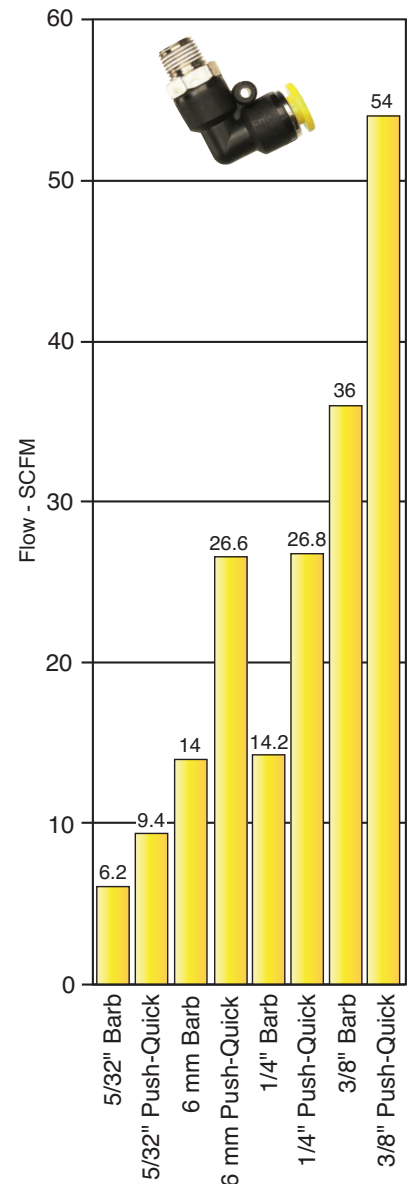
* 6 mm size fittings have a green release button

Thread Size	#10-32	1/8" NPT, R1/8	1/4" NPT, R1/4	3/8" NPT	1/2" NPT
Torque lb. - ft.	1.0 - 1.5	5.0 - 6.5	8.5 - 10.0	16.0 - 17.5	20 - 21.5

Tubing Material	Polyurethane	Polyethylene	Polypropylene	Nylon
Specified Size	+/- 0.005"	+/- 0.004"	+/- 0.004"	+/- 0.004"
Hardness (Durometer)	Shore A85 or higher	Shore D 44 or higher	Shore D 44 or higher	Shore D 44

see pages 322 through 327 for hose and tubing

Barb vs Push-Quick Fittings
Flow Comparison @ 100 psig



P Q - □ □ □ □ □ □

Fitting Type

BC - Bulkhead Connector
BT - Branch Tee
BU - Bulkhead Union
CC - Compact Male Conn.
CU - Cross Union
EE - Extended Elbow
ER - Elbow Reducer
EU - Elbow Union
FC - Female Connector
FE - Female Elbow

MA - Male Angle Connector
MC - Male Connector
ME - Male Elbow
MM - Male Manifold
MU - Manifold Union
PE - Plug-In Elbow
PG - Plug
RB - Reduced Branch
RT - Run Tee

RU - Reduced Union
SC - Stem Coupler
SE - Stack Elbow
SR - Stem Reducer
SU - Straight Union
TU - Tee Union
TR - Tube Reducer
UE - Universal Elbow
YC - Y Connector
YU - Y Union

Tubing Size (O.D.)

04 - 1/8" (0.125")
04M - 4 mm (0.157")
05 - 5/32" (0.156")
06M - 6 mm (0.236")
08 - 1/4" (0.250")
08M - 8 mm (0.313")
10 - 5/16" (0.313")
12 - 3/8" (0.375")
16 - 1/2" (0.500")

Thread Size

N - #10-32
5 - M5 Thd.
6 - M6 Thd.
P - 1/8" NPT
R - R1/8
Q - 1/4" NPT
2 - R1/4
W - 3/8" NPT
3 - R3/8
Z - 1/2" NPT

Threaded Fittings



Female Connector
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Male Compact Connector
Page 292



Male Connector
Page 292



Bulkhead Connector
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Male Angle Connector
Page 295



Y Connector
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Female Elbow
Page 294



Male Elbow
Page 293



Extended Elbow
Page 294



Universal Elbow
Page 294



Stack Elbow
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Run Tee
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Branch Tee
Page 293



Manifold Mount
Page 295

Non-Threaded Fittings



Straight Union
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Reduced Union
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Elbow Union
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Tee Union
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Y Union
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Cross Union
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Manifold Union
Page 296



Bulkhead Union
Page 296



Reduced Branch
Page 297



Elbow Reducer
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Tube Reducer
Page 297



Plug-In Elbow
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Tee Reducer
Page 297



Stem Reducer
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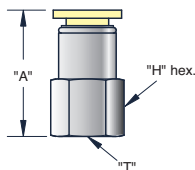
Stem Coupler
Page 298



PUSH-QUICK FITTINGS

Female Connector

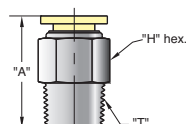
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Tubing	Thread "T"	Part No.	"A"	"H" Hex.
5/32"	#10-32	PQ-FC05N	0.905"	7/16"
	1/8" NPT	PQ-FC05P	1.080"	9/16"
4 mm*	M5 x 0.8	PQ-FC04M5	0.905"	12 mm
	R1/8	PQ-FC04MR	1.080"	
6 mm*	R1/8	PQ-FC06MR	1.080"	14 mm
	R1/4	PQ-FC06M2	1.100"	17 mm
1/4"	1/8" NPT	PQ-FC08P	1.080"	9/16"
	1/4" NPT	PQ-FC08Q	1.220"	11/16"
5/16"	1/8" NPT	PQ-FC10P	1.170"	11/16"
	1/4" NPT	PQ-FC10Q	1.250"	11/16"
	3/8" NPT	PQ-FC10W	1.260"	7/8"
8 mm*	R1/8	PQ-FC08MR	1.170"	17 mm
	R1/4	PQ-FC08M2	1.170"	17 mm
	R3/8	PQ-FC08M3	1.250"	19 mm
3/8"	1/4" NPT	PQ-FC12Q		
	3/8" NPT	PQ-FC12W	1.380"	7/8"

Male Connector

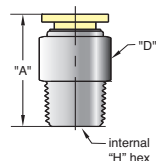
(10/pack)



Tubing	Thread "T"	Part No.	"A"	"H" Hex.
1/8"	#10-32	PQ-MC04N	0.899"	
	1/8" NPT	PQ-MC04P	0.836"	7/16"
	1/4" NPT	PQ-MC04Q	0.920"	
5/32"	#10-32	PQ-MC05N	0.899"	7/16"
	1/8" NPT	PQ-MC05P	0.836"	7/16"
	1/4" NPT	PQ-MC05Q	0.920"	9/16"
4 mm*	M5 x 0.8	PQ-MC04M5	0.899"	10 mm
	R1/8	PQ-MC04MR	0.836"	
6 mm*	M5 x 0.8	PQ-MC06M5	0.948"	12 mm
	R1/8	PQ-MC06MR	0.878"	12 mm
	R1/4	PQ-MC06M2	0.873"	14 mm
1/4"	#10-32	PQ-MC08N	0.913"	1/2"
	1/8" NPT	PQ-MC08P	0.913"	1/2"
	1/4" NPT	PQ-MC08Q	0.965"	9/16"
	3/8" NPT	PQ-MC08W	0.965"	11/16"
5/16"	1/8" NPT	PQ-MC10P	1.090"	9/16"
	1/4" NPT	PQ-MC10Q	1.050"	9/16"
	3/8" NPT	PQ-MC10W	1.060"	11/16"
8 mm*	M5 x 0.8	PQ-MC08M5	1.030"	14 mm
	R1/8	PQ-MC08MR	1.030"	14 mm
	R1/4	PQ-MC08M2	1.060"	14 mm
	R3/8	PQ-MC08M3	0.950"	17 mm
3/8"	1/8" NPT	PQ-MC12P	1.280"	11/16"
	1/4" NPT	PQ-MC12Q	1.342"	11/16"
	3/8" NPT	PQ-MC12W	1.241"	11/16"
	1/2" NPT	PQ-MC12Z	1.240"	7/8"
1/2"	1/4" NPT	PQ-MC16Q	1.342"	11/16"
	3/8" NPT	PQ-MC16W	1.241"	11/16"
	1/2" NPT	PQ-MC16Z	1.240"	7/8"

Male Compact Connector

(10/pack)



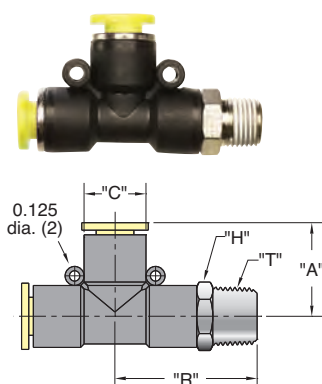
Tubing	Thread "T"	Part No.	"A"	"D" Dia.	"H" Hex.
1/8"	#10-32	PQ-CC04N	0.880"	0.410"	5/64"
	1/8" NPT	PQ-CC04P	0.860"		3/32"
5/32"	#10-32	PQ-CC05N	0.890"	0.400"	5/64"
	1/8" NPT	PQ-CC05P	0.840"	0.410"	3/32"
1/4"	#10-32	PQ-CC08N	0.910"	0.470"	5/64"
	1/8" NPT	PQ-CC08P	0.910"	0.470"	5/32"
	1/4" NPT	PQ-CC08Q	0.970"	0.530"	5/32"
3/8"	1/4" NPT	PQ-CC12Q	1.340"		7/32"
	3/8" NPT	PQ-CC12W	1.240"	0.670"	5/16"

* Fittings have a green release button.

Note: Fittings with pipe thread NPT, R1/8, R1/4 and R3/8 are supplied with pre-applied sealant.

Run Tee

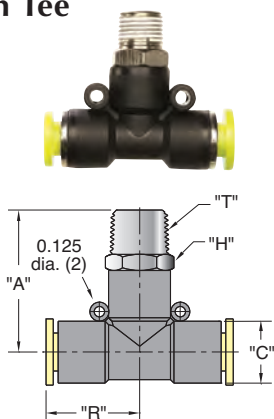
(5/pack)



Tubing	Thread "T"	Part No.	"A"	"C"	"H" Hex.	"R"
1/8"	1/8" NPT	PQ-RT04P	0.722"	0.410"	7/16"	0.980"
5/32"	#10-32	PQ-RT05N	0.722"	0.410"	7/16"	0.900"
	1/8" NPT	PQ-RT05P				0.980"
4 mm*	M5 x 0.8	PQ-RT04M5	0.722"	0.410"	10 mm	0.900"
	R1/8	PQ-RT04MR				0.980"
6 mm*	M5 x 0.8	PQ-RT06M5			12 mm	1.030"
	R1/8	PQ-RT06MR	0.830"	0.524"	12 mm	1.100"
	R1/4	PQ-RT06M2			14 mm	1.140"
1/4"	#10-32	PQ-RT08N			1/2"	1.030"
	1/8" NPT	PQ-RT08P	0.840"	0.524"	1/2"	1.100"
	1/4" NPT	PQ-RT08Q			9/16"	1.230"
5/16"	1/8" NPT	PQ-RT10P			9/16"	1.100"
	1/4" NPT	PQ-RT10Q	0.880"	0.580"	9/16"	1.230"
	3/8" NPT	PQ-RT10W			11/16"	1.290"
8 mm*	R1/8	PQ-RT08MR				
	R1/4	PQ-RT08M2	0.880"	0.580"	14 mm	1.290"
	R3/8	PQ-RT08M3				
3/8"	1/8" NPT	PQ-RT12P				1.380"
	1/4" NPT	PQ-RT12Q	1.100"	0.720"	11/16"	1.470"
	3/8" NPT	PQ-RT12W				1.500"

Branch Tee

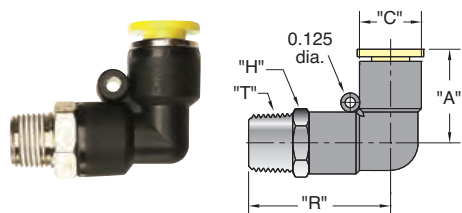
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Tubing	Thread "T"	Part No.	"A"	"C"	"H" Hex.	"R"
5/32"	#10-32	PQ-BT05N	0.900"	0.410"	7/16"	0.722"
	1/8" NPT	PQ-BT05P	0.980"			
4 mm*	M5 x 0.8	PQ-BT04M5	0.900"	0.410"	10 mm	0.722"
	R1/8	PQ-BT04MR	0.980"			
6 mm*	M5 x 0.8	PQ-BT06M5	1.030"		12 mm	
	R1/8	PQ-BT06MR	1.100"	0.524"	12 mm	0.830"
	R1/4	PQ-BT06M2	1.140"		14 mm	
1/4"	#10-32	PQ-BT08N	1.030"		1/2"	
	1/8" NPT	PQ-BT08P	1.100"	0.524"	1/2"	0.840"
	1/4" NPT	PQ-BT08Q	1.230"		9/16"	
5/16"	1/8" NPT	PQ-BT10P	1.100"		9/16"	0.880"
	1/4" NPT	PQ-BT10Q	1.230"	0.580"		
8 mm*	R1/8	PQ-BT08MR				
	R1/4	PQ-BT08M2	1.290"	0.580"	14 mm	0.880"
	R3/8	PQ-BT08M3				
3/8"	1/8" NPT	PQ-BT12P	1.290"			
	1/4" NPT	PQ-BT12Q	1.470"	0.720"	11/16"	1.100"
	3/8" NPT	PQ-BT12W	1.500"			

Male Elbow

(10/pack)



Tubing	Thread "T"	Part No.	"A"	"C"	"H" Hex.	"R"
1/8"	#10-32	PQ-ME04N				0.900"
	1/8" NPT	PQ-ME04P	0.722"	0.410"	7/16"	0.980"
5/32"	#10-32	PQ-ME05N				0.900"
	1/8" NPT	PQ-ME05P	0.722"	0.410"	7/16"	0.980"
	1/4" NPT	PQ-ME05Q				1.130"
4 mm*	M5 x 0.8	PQ-ME04M5	0.722"	0.410"	10 mm	0.900"
	R1/8	PQ-ME04MR				0.980"
6 mm*	M5 x 0.8	PQ-ME06M5			12 mm	1.030"
	R1/8	PQ-ME06MR	0.830"	0.524"	12 mm	1.100"
	R1/4	PQ-ME06M2			14 mm	1.140"
1/4"	#10-32	PQ-ME08N			1/2"	1.030"
	1/8" NPT	PQ-ME08P	0.840"	0.524"	1/2"	1.100"
	1/4" NPT	PQ-ME08Q			9/16"	1.230"
	3/8" NPT	PQ-ME08W			11/16"	1.290"
5/16"	1/8" NPT	PQ-ME10P			9/16"	1.100"
	1/4" NPT	PQ-ME10Q	0.880"	0.580"	9/16"	1.230"
	3/8" NPT	PQ-ME10W			11/16"	1.290"
8 mm*	R1/8	PQ-ME08MR				
	R1/4	PQ-ME08M2	0.880"	0.580"	14 mm	1.290"
	R3/8	PQ-ME08M3				
3/8"	1/8" NPT	PQ-ME12P			11/16"	1.350"
	1/4" NPT	PQ-ME12Q			11/16"	1.470"
	3/8" NPT	PQ-ME12W	1.100"	0.720"	11/16"	1.500"
	1/2" NPT	PQ-ME12Z			7/8"	1.600"
1/2"	1/4" NPT	PQ-ME16Q				1.550"
	3/8" NPT	PQ-ME16W	1.160"	0.850"	7/8"	1.580"
	1/2" NPT	PQ-ME16Z				1.670"

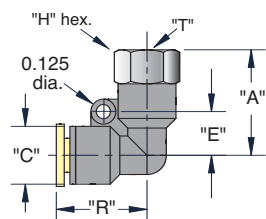
* Fittings have a green release button.
Note: Fittings with pipe thread NPT, R1/8, R1/4 and R3/8 are supplied with pre-applied sealant.



PUSH-QUICK FITTINGS

Female Elbow

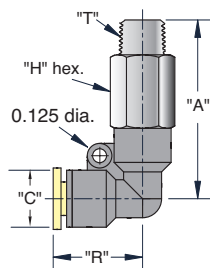
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Tubing	Thread "T"	Part No.	"A"	"C"	"H" Hex.	"R"
1/8"	#10-32 1/8" NPT	PQ-FE04N PQ-FE04P	0.830" 0.950"	0.410"	7/16" 1/2"	0.720"
5/32"	#10-32 1/8" NPT 1/4" NPT	PQ-FE05N PQ-FE05P PQ-FE05Q	0.850" 0.990" 0.980"	0.410"	7/16" 7/16" 9/16"	0.722"
1/4"	#10-32 1/8" NPT 1/4" NPT	PQ-FE08N PQ-FE08P PQ-FE08Q	0.940" 1.030" 1.190"	0.524"	7/16" 7/16" 9/16"	0.840"
5/16"	1/8" NPT 1/4" NPT	PQ-FE10P PQ-FE10Q	1.120" 1.220"	0.580"	7/16" 9/16"	0.900"
3/8"	1/4" NPT 3/8" NPT	PQ-FE12Q PQ-FE12W	1.390" 1.420"	0.720"	11/16" 7/8"	1.100"

Extended Elbow

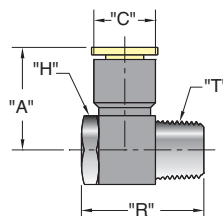
(5/pack)



Tubing	Thread "T"	Part No.	"A"	"C"	"H" Hex.	"R"
5/32"	#10-32 1/8" NPT	PQ-EE05N PQ-EE05P	0.722"	0.410"	7/16"	1.360" 1.480"
1/4"	1/8" NPT 1/4" NPT 1/2" NPT	PQ-EE08P PQ-EE08Q PQ-EE08W	0.840"	0.524"	1/2" 9/16" 11/16"	1.640" 1.820" 1.940"
5/16"	1/8" NPT 1/4" NPT 3/8" NPT	PQ-EE10P PQ-EE10Q PQ-EE10W	0.900"	0.580"	1/2" 9/16" 11/16"	1.810" 1.900" 2.010"
3/8"	1/4" NPT 3/8" NPT 1/2" NPT	PQ-EE12Q PQ-EE12W PQ-EE12Z	1.100"	0.720"	9/16" 11/16" 7/8"	2.170" 2.170" 2.560"
1/2"	3/8" NPT 1/2" NPT	PQ-EE16W PQ-EE16Z	1.160"	0.850"	11/16" 7/8"	2.470" 2.600"

Universal Elbow

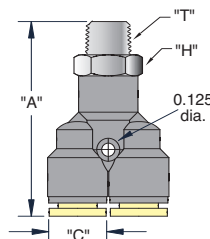
(5/pack)



Tubing	Thread "T"	Part No.	"A"	"C"	"R"	"H" Hex.
5/32"	#10-32	PQ-UE05N	0.820"	0.410"	0.790"	5/16"
	1/8" NPT	PQ-UE05P	0.920"		1.020"	7/16"
4 mm*	M5 x 0.8	PQ-UE04M5	0.831"	0.410"	0.790"	8 mm
	R1/8	PQ-UE04MR	0.921"		0.970"	10 mm
6 mm*	M5 x 0.8	PQ-UE06M5	0.976"	0.953"	0.790"	12 mm
	R1/8	PQ-UE06MR		0.524"	0.970"	12 mm
	R1/4	PQ-UE06M2		1.059"	1.140"	14 mm
1/4"	#10-32	PQ-UE08N	0.990"	0.940"	0.790"	1/2"
	1/8" NPT	PQ-UE08P		0.524"	1.020"	1/2"
	1/4" NPT	PQ-UE08Q		1.120"	1.150"	9/16"
5/16"	1/8" NPT	PQ-UE10P	1.120"	0.580"	1.020"	9/16"
	1/4" NPT	PQ-UE10Q			1.150"	9/16"
	3/8" NPT	PQ-UE10W			1.430"	11/16"
8 mm*	R1/8	PQ-UE08MR	1.120"	0.580"	1.000"	14 mm
	R1/4	PQ-UE08M2			1.140"	
	R3/8	PQ-UE08M3			1.410"	
3/8"	1/4" NPT	PQ-UE12Q	1.320"	0.720"	1.180"	11/16"
	3/8" NPT	PQ-UE12W			1.430"	

Y Connector

(5/pack)



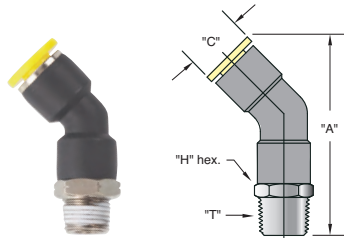
Tubing	Thread "T"	Part No.	"A"	"C"	"H" Hex.
1/8"	#10-32 1/8" NPT	PQ-YC04N PQ-YC04P	1.630" 1.660"	0.410"	7/16"
5/32"	#10-32 1/8" NPT	PQ-YC05N PQ-YC05P	1.630" 1.660"	0.410"	7/16"
1/4"	#10-32 1/8" NPT 1/4" NPT	PQ-YC08N PQ-YC08P PQ-YC08Q	1.690" 1.770" 1.830"	0.524"	1/2" 1/2" 9/16"
5/16"	1/8" NPT 1/4" NPT	PQ-YC10P PQ-YC10Q	1.830" 1.900"	0.580"	9/16"
3/8"	1/4" NPT 3/8" NPT	PQ-YC12Q PQ-YC12W	2.340" 2.400"	0.720"	11/16"
1/2"	3/8" NPT 1/2" NPT	PQ-YC16W PQ-YC16Z	2.500" 2.600"	0.850"	7/8"

* Fittings have a green release button.

Note: Fittings with pipe thread NPT, R1/8, R1/4 and R3/8 are supplied with pre-applied sealant.

Male Angle Connector

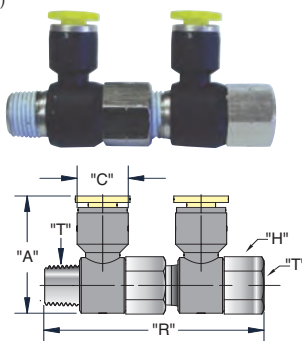
(10/pack)



Tubing	Thread "T"	Part No.	"H" Hex.	"A"	"C"
1/8"	#10-32 1/8" NPT	PQ-MA04N PQ-MA04P	7/16"	1.454" 1.474"	0.410"
5/32"	#10-32 1/8" NPT	PQ-MA05N PQ-MA05P	7/16"	1.454" 1.474"	0.410"
4 mm*	M5 x 0.8 R1/8	PQ-MA04M5 PQ-MA04MR	10 mm	1.454" 1.474"	0.410"
6 mm*	M5 x 0.8 R1/8 R1/4	PQ-MA06M5 PQ-MA06MR PQ-MA06M2	12 mm 10 mm 14 mm	1.556" 1.556" 1.616"	0.520"
1/4"	#10-32 1/8" NPT 1/4" NPT 3/8" NPT	PQ-MA08N PQ-MA08P PQ-MA08Q PQ-MA08W	1/2" 1/2" 9/16" 11/16"	1.620" 1.620" 1.682" 1.722"	0.520"
5/16"	1/8" NPT 1/4" NPT	PQ-MA10P PQ-MA10Q	9/16"	1.800"	0.580"
3/8"	1/8" NPT 1/4" NPT 3/8" NPT	PQ-MA12P PQ-MA12Q PQ-MA12W	11/16"	1.823" 1.923" 1.943"	0.720"
1/2"	1/4" NPT 3/8" NPT 1/2" NPT	PQ-MA16Q PQ-MA16W PQ-MA16Z	7/8"	1.965" 2.125" 2.195"	0.830"

Stack Elbow

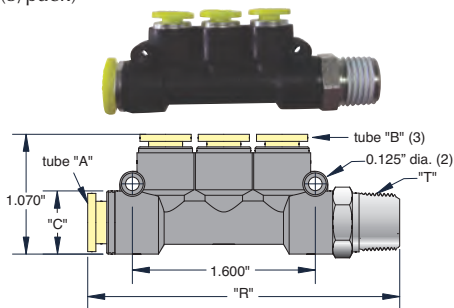
(5/pack)



Tubing	Thread "T"	Part No.	"A"	"C"	"R"	"H" Hex.
5/32"	#10-32 1/8" NPT	PQ-SE05N PQ-SE05P	0.980" 1.095"	0.410"	1.435"	5/16" 5/16"
1/4"	#10-32 1/8" NPT 1/4" NPT	PQ-SE08N PQ-SE08P PQ-SE08Q	1.165" 1.200" 1.365"	0.524"	2.250" 2.250" 2.600"	1/2" 1/2" 11/16"
5/16"	1/4" NPT 3/8" NPT	PQ-SE10Q PQ-SE10W	1.425" 1.570"	0.580"	2.600" 2.900"	11/16" 3/4"
3/8"	1/4" NPT 3/8" NPT	PQ-SE12Q PQ-SE12W	1.625" 1.690"	0.720"	2.530" 2.970"	11/16" 3/4"
1/2"	3/8" NPT 1/2" NPT	PQ-SE16W PQ-SE16Z	1.740" 1.950"	0.850"	2.970" 3.160"	3/4" 1"

Manifold Mount

(5/pack)



Tube "A"	Tube "B"	Thread "T"	Part No.	"C"	"R"
1/4"	5/32"	1/8" NPT	PQ-MM0805P	0.524"	2.665"
5/16"	1/4"	1/4" NPT	PQ-MM1008Q	0.580"	2.820"

* Fittings have a green release button.

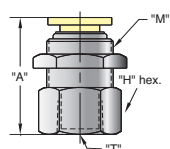
Note: Fittings with pipe thread NPT, R1/8, R1/4 and R3/8 are supplied with pre-applied sealant.



PUSH-QUICK FITTINGS

Bulkhead Connector

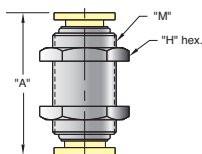
(5/pack)



Tubing	Thread "T"	Part No.	"A"	Thread "M"	"H" Hex.
1/8"	1/8" NPT	PQ-BC04P	1.052"	M12x1	9/16"
5/32"	1/8" NPT	PQ-BC05P	1.052"	M12x1	9/16"
4 mm*	R1/8	PQ-BC04MR	1.052"	M12x1	14 mm
6 mm*	R1/8	PQ-BC06MR	1.080"	M14x1	17 mm
	R1/4	PQ-BC06M2	1.150"		
1/4"	1/8" NPT	PQ-BC08P	1.084"	M14x1	11/16"
	1/4" NPT	PQ-BC08Q	1.209"		
5/16"	1/8" NPT	PQ-BC10P	1.150"	M16x1	11/16"
	1/4" NPT	PQ-BC10Q	1.195"		
8 mm*	R1/8	PQ-BC08MR	1.125"	M16x1	17 mm
	R1/4	PQ-BC08M2	1.170"		
3/8"	1/4" NPT	PQ-BC12Q	1.400"	M20x1	7/8"
	3/8" NPT	PQ-BC12W	1.415"		
1/2"	1/2" NPT	PQ-BC16Z	1.525"	M22x1	1"

Bulkhead Union

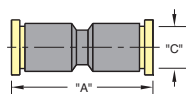
(5/pack)



Tubing	Part No.	"A"	Thread "M"	"H" Hex.
1/8"	PQ-BU04	0.415"	M12 x 1	14 mm
5/32"	PQ-BU05	1.370"	M12 x 1	5/8"
6 mm*	PQ-BU06M	1.390"	M14 x 1	17 mm
1/4"	PQ-BU08	1.421"	M14 x 1	3/4"
5/16"	PQ-BU10	1.610"	M16 x 1	3/4"
3/8"	PQ-BU12	1.723"	M20 x 1	15/16"
1/2"	PQ-BU16	1.770"	M22 x 1	1"

Straight Union

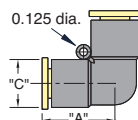
(10/pack)



Tubing	Part No.	"A"	"C"
1/8"	PQ-SU04	1.240"	0.410"
5/32"	PQ-SU05	1.239"	0.410"
6 mm*	PQ-SU06M	1.500"	0.524"
1/4"	PQ-SU08	1.500"	0.524"
5/16"	PQ-SU10	1.540"	0.580"
3/8"	PQ-SU12	1.851"	0.720"
1/2"	PQ-SU16	1.810"	0.850"

Elbow Union

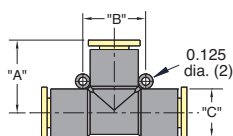
(10/pack)



Tubing	Part No.	"A"	"C"
1/8"	PQ-EU04	0.710"	0.410"
5/32"	PQ-EU05	0.722"	0.410"
6 mm*	PQ-EU06M	0.830"	0.524"
1/4"	PQ-EU08	0.840"	0.524"
5/16"	PQ-EU10	0.880"	0.580"
3/8"	PQ-EU12	1.100"	0.720"
1/2"	PQ-EU16	1.130"	0.850"

Tee Union

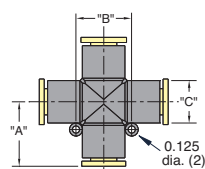
(10/pack)



Tubing	Part No.	"A"	"B"	"C"
1/8"	PQ-TU04	0.710"	0.656"	0.410"
5/32"	PQ-TU05	0.722"	0.656"	0.410"
6 mm*	PQ-TU06M	0.830"	0.740"	0.524"
1/4"	PQ-TU08	0.840"	0.740"	0.524"
5/16"	PQ-TU10	0.880"	0.800"	0.580"
3/8"	PQ-TU12	1.100"	0.944"	0.720"
1/2"	PQ-TU16	1.130"	1.120"	0.850"

Cross Union

(5/pack)

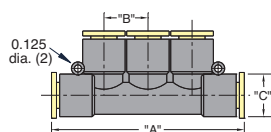


Tubing	Part No.	"A"	"B"	"C"
1/8"	PQ-CU04	0.710"	0.560"	0.410"
5/32"	PQ-CU05	0.722"	0.656"	0.410"
6 mm*	PQ-CU06M	0.830"	0.740"	0.524"
1/4"	PQ-CU08	0.840"	0.740"	0.524"
5/16"	PQ-CU10	0.880"	0.800"	0.580"
3/8"	PQ-CU12	1.100"	0.944"	0.720"

Note:
Fittings with
pipe thread
NPT, R1/8,
R1/4 and
R3/8 are
supplied
with pre-
applied
sealant.

Manifold Union

(5/pack)

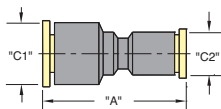


Tubing	Part No.	"A"	"B"	"C"
5/32"	PQ-MU0504	2.312"	0.500"	0.560"
6 mm*	PQ-MU06M05	2.435"	0.531"	0.524"
1/4"	PQ-MU0805	2.435"	0.531"	0.524"
5/16"	PQ-MU1008	2.435"	0.580"	0.580"
3/8"	PQ-MU1208	2.312"	0.562"	0.725"

* Fittings have a green release button

Reduced Union

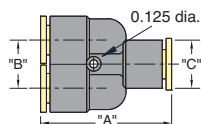
(10/pack)



Tubing	Part No.	"A"	"C1"	"C2"
5/32"-1/8"	PQ-RU0504	1.230"	0.410"	0.410"
6 mm*-5/32"	PQ-RU06M05	1.367"	0.524"	0.410"
1/4"-1/8"	PQ-RU0804	1.367"	0.524"	0.410"
5/16"-1/4"	PQ-RU1008	1.550"	0.580"	0.524"
3/8"-1/4"	PQ-RU1208	1.666"	0.720"	0.524"
1/2"-3/8"	PQ-RU1612	1.810"	0.850"	0.720"

Y Union

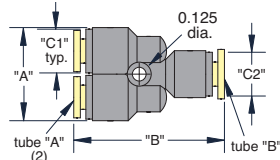
(5/pack)



Tubing	Part No.	"A"	"B"	"C"
1/8"	PQ-YU04	1.340"	0.415"	0.410"
5/32"	PQ-YU05	1.318"	0.517"	0.410"
6 mm*	PQ-YU06M	1.495"	0.531"	0.524"
1/4"	PQ-YU08	1.495"	0.531"	0.524"
5/16"	PQ-YU10	1.495"	0.590"	0.580"
3/8"	PQ-YU12	2.017"	0.720"	0.720"
1/2"	PQ-YU16	2.070"	0.840"	0.840"

Reduced Branch

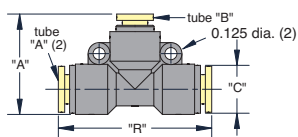
(5/pack)



Tube "A"	Tube "B"	Part No.	"A"	"B"	"C1"	"C2"
1/8"	5/32"	PQ-RB0504	0.830"	1.340"	0.420"	0.410"
5/32"	1/4"	PQ-RB0805	0.830"	1.390"	0.410"	0.524"
1/4"	5/16"	PQ-RB1008	1.025"	1.670"	0.524"	0.580"
1/4"	3/8"	PQ-RB1208	1.025"	1.780"	0.524"	0.720"
3/8"	1/2"	PQ-RB1612	1.420"	2.050"	0.720"	0.850"

Tee Reducer

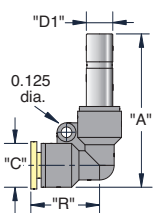
(5/pack)



Tube "A"	Tube "B"	Part No.	"A"	"C"	"R"
5/32"	1/8"	PQ-TR0504	0.910"	0.410"	1.385"
1/4"	5/32"	PQ-TR0805	1.050"	0.524"	1.570"
5/16"	1/4"	PQ-TR1008	1.170"	0.580"	1.835"
3/8"	1/4"	PQ-TR1208	1.380"	0.720"	2.160"
1/2"	3/8"	PQ-TR1612	1.600"	0.850"	2.240"

Elbow Reducer

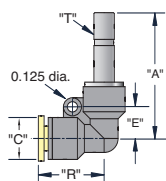
(5/pack)



Tubing	Part No.	"A"	"C"	"D1"	"R"
1/8"	PQ-ER0405	1.480"	0.420"	5/32"	0.710"
5/32"	PQ-ER0508	1.640"	0.410"	1/4"	0.722"
1/4"	PQ-ER0810	1.765"	0.524"	5/16"	0.840"
5/16"	PQ-ER1012	2.020"	0.580"	3/8"	0.880"
3/8"	PQ-ER1216	2.260"	0.720"	1/2"	1.100"

Plug-In Elbow

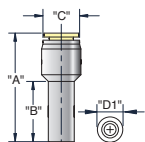
(5/pack)



Tubing	Part No.	"A"	"C"	"E"	"R"
1/8"	PQ-PE04	1.290"	0.410"	0.328"	0.722"
5/32"	PQ-PE05	1.290"	0.410"	0.328"	0.722"
1/4"	PQ-PE08	1.550"	0.524"	0.370"	0.840"
5/16"	PQ-PE10	1.600"	0.580"	0.430"	0.900"
3/8"	PQ-PE12	1.850"	0.720"	0.472"	1.100"
1/2"	PQ-PE16	1.940"	0.850"	0.570"	1.160"

Tube Reducer (Stem)

(10/pack)



Tubing	Part No.	"A"	"B"	"C"	"D1" Dia.
1/8"	PQ-TRS0405	1.320"	0.690"	0.410"	5/32"
5/32"	PQ-TRS0508	1.400"	0.810"	0.524"	1/4"
1/4"	PQ-TRS0810	1.480"	0.850"	0.580"	5/16"
1/4"	PQ-TRS0812	1.610"	0.990"	0.720"	3/8"
3/8"	PQ-TRS1216	1.730"	0.990"	0.850"	1/2"

* Fittings have a green release button.

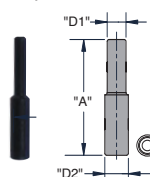
Note: Fittings with pipe thread NPT, R1/8, R1/4 and R3/8 are supplied with pre-applied sealant.



PUSH-QUICK FITTINGS

Stem Reducer

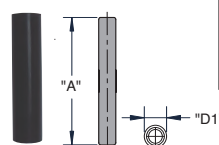
(10/pack)



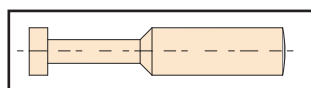
Tubing	Part No.	"A"	"D1"	"D2"
1/8"	PQ-SR0405	1.417"	1/8"	5/32"
5/32"	PQ-SR0508	1.417"	5/32"	1/4"
1/4"	PQ-SR0810	1.535"	1/4"	5/16"
5/16"	PQ-SR1012	1.811"	5/16"	3/8"
3/8"	PQ-SR1216	2.126"	3/8"	1/2"

Stem Coupler

(10/pack)



Tubing	Part No.	"A"	"D1" Dia.
1/8"	PQ-SC04	1.378"	1/8"
5/32"	PQ-SC05	1.378"	5/32"
1/4"	PQ-SC08	1.457"	1/4"



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

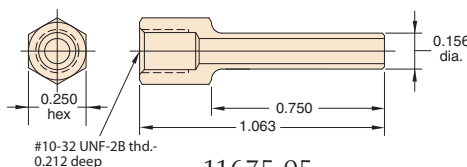
plug, they may later be removed and tubing inserted to connect to an additional line of a circuit.

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

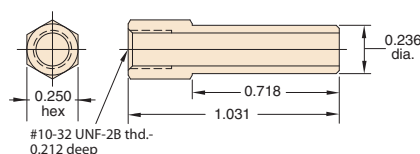
Push-Quick Fitting Adapters

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.

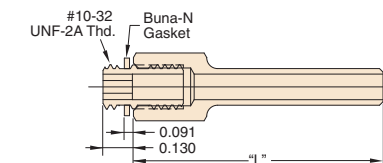
The threaded adapters insert into Push-Quick Fittings and provide either a male or female thread that can be used to mount any Clippard product with a #10-32 threaded inlet. This allows the direct attachment of the product to a Push-Quick Fitting without hoses or additional fittings.



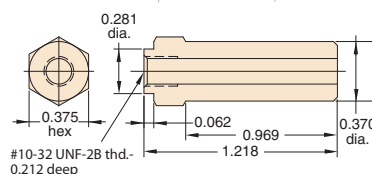
[11675-05](#)
5/32" O.D. Tube



[11675-08](#)
1/4" O.D. Tube



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



[11675-12](#)
3/8" O.D. 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.

