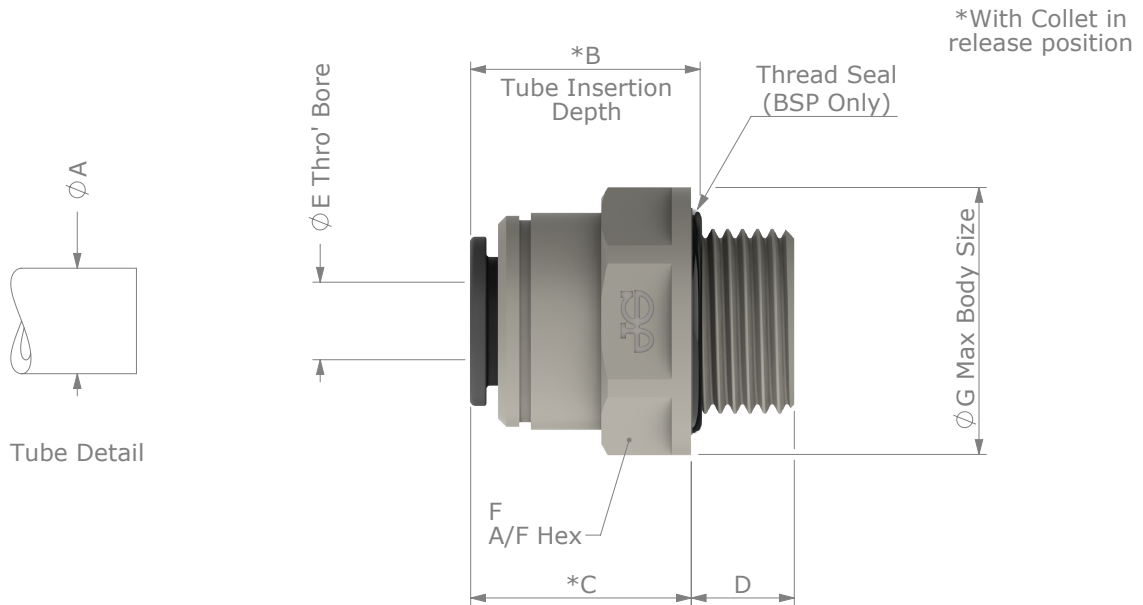


**Straight Adaptors - BSP**

The John Guest range of Straight Adaptors are suitable for applications involving foodstuffs, potable liquids, air & inert gases.



Product No.	Size	A Tube O/D	B	C	D	E	F	G
PI010812S	1/4" x 1/4 BSP	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.62 [15.7]	0.31 [8.0]	0.21 [5.3]	0.67 [17.0]	0.72 [18.3]
PI011212S	3/8" x 1/4 BSP	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.78 [19.7]	0.93 [23.5]	0.31 [8.0]	0.28 [7.1]	0.79 [20.0]	0.79 [21.8]
PI011213S	3/8" x 3/8 BSP		0.78 [19.7]	0.74 [18.9]	0.37 [9.3]	0.28 [7.0]	0.87 [22.0]	0.95 [24.1]
PI011613S	1/2" x 3/8 BSP	0.500 +0.001 / -0.004 [12.7 +0.03 / -0.10]	0.91 [23.0]	1.04 [26.3]	0.37 [9.3]	0.33 [8.5]	0.94 [24.0]	1.04 [26.4]

Dimensions in Inches & [mm]

**Parts List**

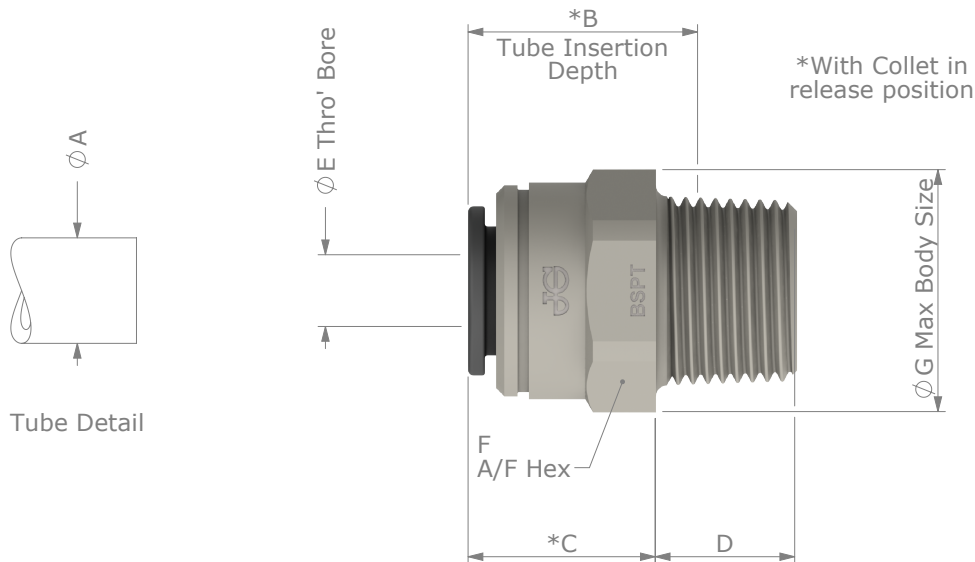
Part Description	Material	Part Description	Material
Body	Acetal Copolymer (Unfilled), Light Grey	O' Ring	Nitrile, Black (Except PI012026S - Ethylene Propylene (EPDM))
Collet	Acetal Copolymer (Unfilled), Dark Grey (or Blue/Red where specified) & Stainless Steel	Thread Seal (BSP Only)	Nitrile, Black

**Technical Information**

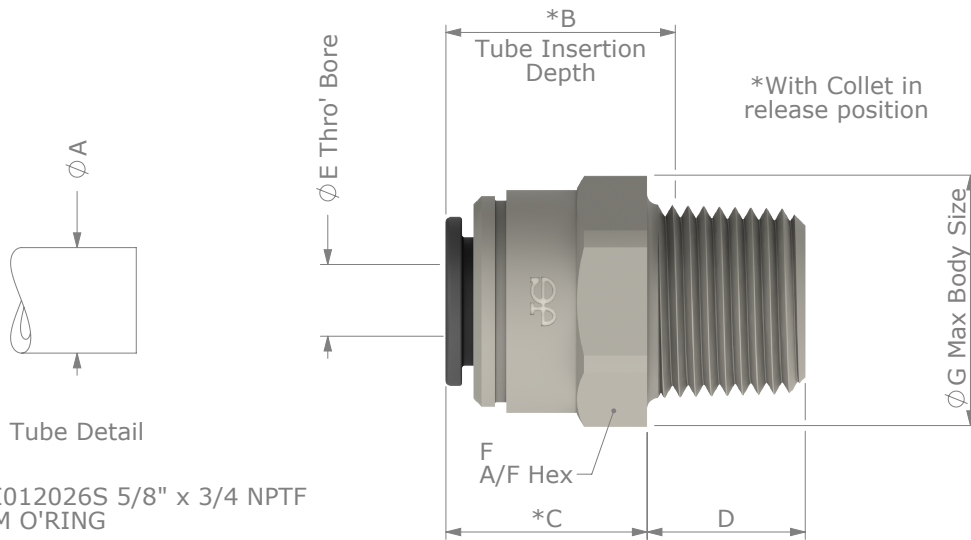
Working Pressures & Temperatures			Applications
Potable Liquids & Air	5/32" to 5/16"	3/8" to 5/8"	Drinks Dispense ✓
34°F [1°C]	230psi [16bar]	150psi [10bar]	Potable Liquid ✓
68°F [20°C]	230psi [16bar]	150psi [10bar]	Pneumatics ✓
150°F [65°C]	150psi [10bar]	100psi [7bar]	
Air			
-4°F [-20°C]	230psi [16bar]	150psi [10bar]	
Max Torque Threads	1/8 - 1/4	3/8 - 1/2	
	1.1lbf [1.5Nm]	2.2lbf [3.0Nm]	
		3/4	
		2.9lbf [4.0Nm]	

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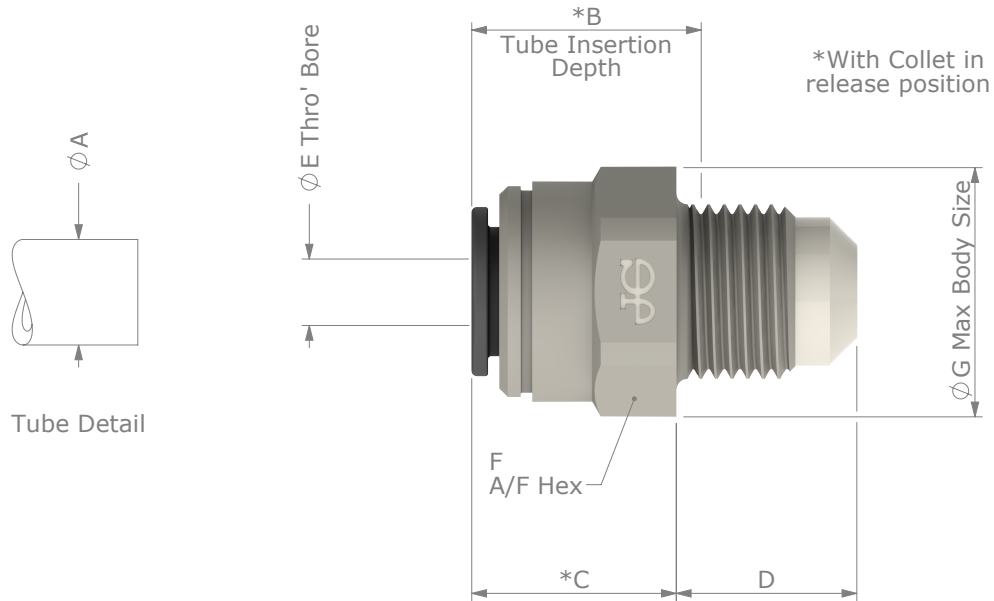
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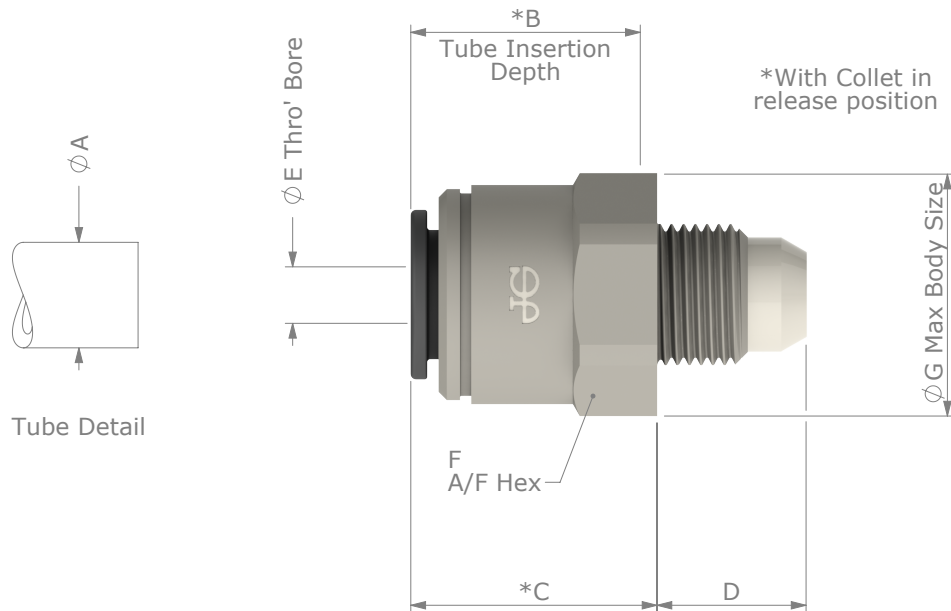
Product No.	Size	A Tube O/D	B	C	D	E	F	G
PM010401S	5/32" x 1/8 BSPT	0.156 +0.001 / -0.003 [3.97 +0.03 / -0.07]	0.56 [14.3]	0.60 [15.1]	0.40 [10.2]	0.10 [2.5]	0.59 [15.0]	0.66 [16.7]
PM010402S	5/32" x 1/4 BSPT		0.56 [14.3]	0.56 [14.1]	0.44 [11.2]	0.10 [2.5]	0.67 [17.0]	0.72 [18.3]
PI010601S	3/16" x 1/8 BSPT	0.188 +0.001 / -0.003 [4.76 +0.03 / -0.07]	0.56 [14.3]	0.60 [15.1]	0.40 [10.2]	0.12 [3.0]	0.59 [15.0]	0.66 [16.7]
PI010602S	3/16" x 1/4 BSPT		0.55 [14.0]	0.56 [14.1]	0.44 [11.2]	0.12 [3.0]	0.67 [17.0]	0.72 [18.3]
PI010801S	1/4" x 1/8 BSPT	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.54 [13.7]	0.40 [10.2]	0.15 [3.8]	0.67 [17.0]	0.72 [18.3]
PI010802S	1/4" x 1/4 BSPT		0.62 [15.7]	0.54 [13.7]	0.44 [11.2]	0.18 [4.5]	0.67 [17.0]	0.72 [18.3]
PM010801S	5/16" x 1/8 BSPT	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.66 [16.7]	0.73 [18.5]	0.40 [10.2]	0.16 [4.1]	0.67 [17.0]	0.72 [18.3]
PM010802S	5/16" x 1/4 BSPT		0.66 [16.7]	0.55 [14.0]	0.44 [11.2]	0.25 [6.3]	0.67 [17.0]	0.72 [18.3]
PM010803S	5/16" x 3/8 BSPT		0.66 [16.7]	0.56 [14.2]	0.50 [12.7]	0.27 [6.8]	0.79 [20.0]	0.86 [21.8]
PI011202S	3/8" x 1/4 BSPT	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.78 [19.7]	0.84 [21.2]	0.44 [11.2]	0.23 [5.8]	0.79 [20.0]	0.86 [21.8]
PI011203S	3/8" x 3/8 BSPT		0.78 [19.7]	0.68 [17.2]	0.50 [12.7]	0.26 [6.5]	0.79 [20.0]	0.86 [21.8]
PI011603S	1/2" x 3/8 BSPT	0.500 +0.001 / -0.004 [12.70 +0.03 / -0.10]	0.91 [23.0]	1.06 [26.9]	0.50 [12.7]	0.34 [8.6]	0.94 [24.0]	1.03 [26.3]
PI011604S	1/2" x 1/2 BSPT		0.91 [23.0]	0.71 [18.0]	0.63 [16.0]	0.34 [8.6]	0.94 [24.0]	1.03 [26.3]



Product No.	Size	Collet Colour	A Tube O/D	B	C	D	E	F	G	
PM010421S	5/32" x 1/8 NPTF	Dark Grey	0.156 +0.001 / -0.003 [3.97 +0.03 / -0.07]	0.56 [14.3]	0.60 [15.1]	0.38 [9.5]	0.10 [2.5]	9/16" [14.3]	0.61 [15.4]	
PM010422S	5/32" x 1/4 NPTF	Dark Grey		0.56 [14.3]	0.60 [15.1]	0.56 [14.3]	0.10 [2.5]	9/16" [14.3]	0.61 [15.4]	
PI010621S	3/16" x 1/8 NPTF	Dark Grey	0.188 +0.001 / -0.003 [4.76 +0.03 / -0.07]	0.56 [14.3]	0.60 [15.1]	0.37 [9.5]	0.12 [3.0]	9/16" [14.3]	0.61 [15.4]	
PI010821S	1/4" x 1/8 NPTF	Dark Grey	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.69 [17.5]	0.37 [9.5]	0.17 [4.4]	0.67 [17.0]	0.75 [19.1]	
PI010821S-B	1/4" x 1/8 NPTF	Blue		0.62 [15.7]	0.69 [17.5]	0.37 [9.5]	0.17 [4.4]	0.67 [17.0]	0.75 [19.1]	
PI010822S	1/4" x 1/4 NPTF	Dark Grey		0.62 [15.7]	0.54 [13.7]	0.56 [14.3]	0.17 [4.4]	11/16" [17.5]	0.75 [19.1]	
PI010822S-B	1/4" x 1/4 NPTF	Blue		0.62 [15.7]	0.54 [13.7]	0.56 [14.3]	0.17 [4.4]	11/16" [17.5]	0.75 [19.1]	
PI010823S	1/4" x 3/8 NPTF	Dark Grey		0.62 [15.7]	0.54 [13.7]	0.56 [14.3]	0.17 [4.4]	13/16" [20.6]	0.89 [22.6]	
PM010821S	5/16" x 1/8 NPTF	Dark Grey		0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.66 [16.7]	0.73 [18.5]	0.38 [9.5]	0.22 [5.5]	11/16" [17.5]	0.75 [19.1]
PM010822S	5/16" x 1/4 NPTF	Dark Grey	0.66 [16.7]		0.55 [13.9]	0.56 [14.3]	0.22 [5.5]	11/16" [17.5]	0.75 [19.1]	
PM010823S	5/16" x 3/8 NPTF	Dark Grey	0.66 [16.7]		0.55 [13.9]	0.56 [14.3]	0.22 [5.5]	13/16" [20.6]	0.89 [22.6]	
PI011221S	3/8" x 1/8 NPTF	Dark Grey	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.78 [19.7]	0.84 [21.2]	0.43 [10.9]	0.16 [4.1]	13/16" [20.6]	0.89 [22.5]	
PI011221S-R	3/8" x 1/8 NPTF	Red		0.78 [19.7]	0.84 [21.2]	0.43 [10.9]	0.16 [4.1]	13/16" [20.6]	0.89 [22.5]	
PI011222S	3/8" x 1/4 NPTF	Dark Grey		0.78 [19.7]	0.84 [21.2]	0.56 [14.3]	0.25 [6.4]	13/16" [20.6]	0.89 [22.6]	
PI011222S-R	3/8" x 1/4 NPTF	Red		0.78 [19.7]	0.84 [21.2]	0.56 [14.3]	0.25 [6.4]	13/16" [20.6]	0.89 [22.6]	
PI011223S	3/8" x 3/8 NPTF	Dark Grey		0.78 [19.7]	0.68 [17.2]	0.56 [14.3]	0.25 [6.4]	13/16" [20.6]	0.89 [22.6]	
PI011224S	3/8" x 1/2 NPTF	Dark Grey		0.78 [19.7]	0.57 [14.5]	0.75 [19.0]	0.31 [8.0]	7/8" [22.2]	0.96 [24.3]	
PI011623S	1/2" x 3/8 NPTF	Dark Grey		0.500 +0.001 / -0.004 [12.70 +0.03 / -0.10]	0.91 [23.0]	0.88 [22.3]	0.56 [14.3]	0.37 [9.4]	1" [25.4]	1.11 [28.3]
PI011624S	1/2" x 1/2 NPTF	Dark Grey		0.91 [23.0]	0.71 [18.0]	0.75 [19.0]	0.38 [9.6]	1" [25.4]	1.10 [28.0]	
PI012026S	5/8" x 3/4 NPTF	Dark Grey	0.625 +0.001 / -0.004 [12.70 +0.03 / -0.10]	1.20 [30.5]	1.46 [37.0]	0.71 [18.1]	0.52 [13.2]	N/A	1.10 [28.0]	



Product No.	Size	A Tube O/D	B	C	D	E	F	G
PI0108F4S	1/4" x 1/4 MFL	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.69 [17.5]	0.56 [14.3]	0.18 [4.6]	11/16" [17.5]	0.74 [18.9]
PI0112F4S	3/8" x 1/4 MFL	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.78 [19.7]	0.84 [21.2]	0.56 [14.3]	0.18 [4.6]	13/16" [20.6]	0.89 [22.5]
PI0112F5S	3/8" x 5/16 MFL		0.78 [19.7]	0.88 [22.5]	0.59 [15.0]	0.24 [6.0]	13/16" [20.6]	0.89 [22.5]
PI0112F6S	3/8" x 3/8 MFL		0.78 [19.7]	0.69 [17.5]	0.64 [16.3]	0.24 [6.0]	13/16" [20.6]	0.89 [22.5]
PI0112F8S	3/8" x 1/2 MFL		0.78 [19.7]	0.68 [17.2]	0.76 [19.3]	0.30 [7.6]	13/16" [20.6]	0.89 [22.5]
PI0116F8S	1/2" x 1/2 MFL		0.500 +0.001 / -0.004 [12.70 +0.03 / -0.10]	0.91 [23.0]	0.72 [18.2]	0.76 [19.3]	0.38 [9.7]	1" [25.4]
PM0108C5S	5/16" x 1/2-16UN	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.66 [16.7]	0.55 [13.9]	0.56 [14.2]	0.22 [5.5]	11/16" [17.5]	0.75 [19.1]
PI0112C5S	3/8" x 1/2-16UN	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.78 [19.7]	0.84 [21.2]	0.56 [14.2]	0.22 [5.6]	13/16" [20.6]	0.89 [22.5]



Product No.	Size	A Tube O/D	B	C	D	E	F	G
PI0106E5S	3/16" x 1/2-24 WHIT	0.188 +0.001 / -0.003 [4.76 +0.03 / -0.07]	0.56 [14.3]	0.55 [14.0]	0.53 [13.5]	0.12 [3.0]	0.59 [15.0]	0.66 [16.8]
PI0108E5S	1/4" x 1/2-24 WHIT	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.54 [13.7]	0.53 [13.5]	0.18 [4.5]	0.67 [17.0]	0.72 [18.3]
PM0108E5S	5/16" x 1/2-24 WHIT	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.66 [16.7]	0.55 [13.9]	0.53 [13.5]	0.20 [5.0]	0.67 [17.0]	0.72 [18.3]
PM0108E6S	5/16" x 9/16-24 WHIT		0.66 [16.7]	0.55 [13.9]	0.59 [15.0]	0.23 [5.8]	0.67 [17.0]	0.72 [18.3]
PI0112E5S	3/8" x 1/2-24 WHIT	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.78 [19.7]	0.84 [21.2]	0.53 [13.5]	0.20 [5.1]	0.79 [20.0]	0.86 [21.8]
PI0112E6S	3/8" x 9/16-24 WHIT		0.78 [19.7]	0.84 [21.3]	0.58 [14.8]	0.23 [5.8]	0.79 [20.0]	0.86 [21.8]