

Grey Acetal Swivel Elbow (BSPT Thread)

Connects imperial sized pipe to form a swivel type 90 degree pipe bend

Overview

John Guest grey push-fit acetal swivel elbow (BSPT thread) fitting connects metric to a BSPT thread connection to form a 90° swivel type connection. Fast and simple to install, John Guest push-fit fittings create an instant push-fit connection and leak tight seal without the need for tools, hot works or sealing agents.

The unique collet locking design firmly and securely holds the pipe in place without deforming the pipe or restricting flow. Fittings are corrosion resistant and fully demountable, improving system performance and reducing system downtime during maintenance.

Manufactured in grey push-fit acetal copolymer, the fitting is suitable for foodstuff, potable liquids and inert gases. In accordance with the British Beer & Pub Association Code of Practice, fittings can also be used with N₂/CO₂ and mixed gas dispense lines, as well as air, pneumatic and vacuum applications. All John Guest fittings are manufactured and assembled in the UK.

Features & Benefits

- Rigid and hardwearing acetal copolymer material
- Food grade material suitable for foodstuff, potable liquids, inert gases, air, pneumatic and vacuum
- Instant push-fit connection and leak tight seal
- Connect, disconnect and reconnect in seconds without tools
- No scale build up improves performance and equipment lifespan
- Compatible with LLDPE or soft metal pipe/tube
- Superior flow characteristics



Product code	Description	Size	Bag QTY
PIO90601S	Swivel Elbow (BSPT Thread)	3/16" X 1/8"	10
PIO90801S	Swivel Elbow (BSPT Thread)	1/4" X 1/8"	10
PIO90802S	Swivel Elbow (BSPT Thread)	1/4" X 1/4"	10
PMO90801S	Swivel Elbow (BSPT Thread)	5/16" X 1/8"	10
PMO90802S	Swivel Elbow (BSPT Thread)	5/16" X 1/4"	10
PMO90803S	Swivel Elbow (BSPT Thread)	5/16" X 3/8"	10
PIO91202S	Swivel Elbow (BSPT Thread)	3/8" X 1/4"	10
PIO91203S	Swivel Elbow (BSPT Thread)	3/8" X 3/8"	10
PIO91603S	Swivel Elbow (BSPT Thread)	1/2" X 3/8"	10
PIO91604S	Swivel Elbow (BSPT Thread)	1/2" X 1/2"	10



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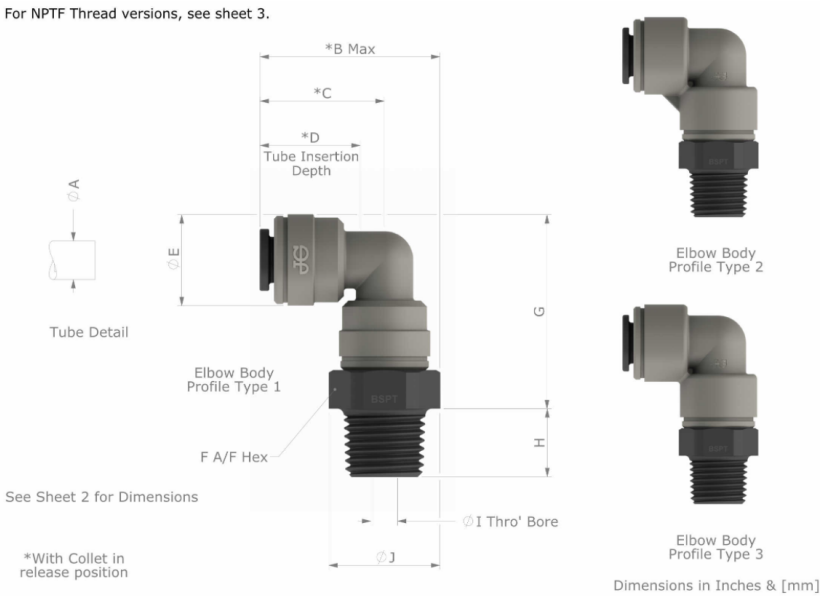
Application	Maximum working pressure, bar
Air	16 Bar

Materials	
Body	Plastic
O-Ring	Nitrile, Black
Collet	Acetal Copolymer (Unfilled)
Collet Teeth	Stainless Steel 301

Application
Potable Liquid
Food Grade Liquid
Inert Gases
Vacuum

Dimensions – All measurements in mm unless otherwise stated

For NPTF Thread versions, see sheet 3.



Product Number	Size	A Tube O/D	B	C	D	E	F	G	H	I	J	Elbow Body Profile Type
PI090601S	3/16" x 1/8 BSPT	0.188 +0.001 / -0.003 [4.78 +0.03 / -0.07]	1.02 [26.0]	0.69 [17.6]	0.56 [14.3]	0.51 [13.0]	0.59 [15.0]	1.14 [28.9]	0.40 [10.2]	0.10 [2.5]	0.66 [16.8]	3
PI090801S	1/4" x 1/8 BSPT	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	1.13 [28.8]	0.77 [19.6]	0.62 [15.7]	0.59 [15.0]	0.67 [17.0]	1.26 [32.0]	0.40 [10.2]	0.15 [3.8]	0.72 [18.3]	1
PI090802S	1/4" x 1/4 BSPT		1.13 [28.8]	0.77 [19.6]	0.62 [15.7]	0.59 [15.0]	0.67 [17.0]	1.26 [32.0]	0.44 [11.2]	0.17 [4.4]	0.72 [18.3]	1
PM090801S	5/16" x 1/8 BSPT	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	1.19 [30.2]	0.83 [21.0]	0.66 [16.7]	0.70 [17.8]	0.67 [17.0]	1.37 [34.7]	0.40 [10.2]	0.16 [4.1]	0.72 [18.3]	2
PM090802S	5/16" x 1/4 BSPT		1.19 [30.2]	0.83 [21.0]	0.66 [16.7]	0.70 [17.8]	0.67 [17.0]	1.37 [34.7]	0.44 [11.2]	0.22 [5.6]	0.72 [18.3]	2
PM090803S	5/16" x 3/8 BSPT		1.26 [31.9]	0.83 [21.0]	0.66 [16.7]	0.70 [17.8]	0.79 [20.0]	1.37 [34.7]	0.50 [12.7]	0.18 [4.5]	0.86 [21.8]	2
PI091202S	3/8" x 1/4 BSPT	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	1.43 [36.3]	1.00 [25.4]	0.78 [19.7]	0.78 [19.9]	0.79 [20.0]	1.63 [41.4]	0.44 [11.2]	0.23 [5.8]	0.86 [21.8]	1
PI091203S	3/8" x 3/8 BSPT		1.43 [36.3]	1.00 [25.4]	0.78 [19.7]	0.78 [19.9]	0.79 [20.0]	1.58 [40.2]	0.50 [12.7]	0.23 [5.8]	0.86 [21.8]	1
PI091603S	1/2" x 3/8 BSPT	0.500 +0.001 / -0.004 [12.7 +0.03 / -0.10]	1.72 [43.6]	1.20 [30.5]	0.91 [23.0]	0.91 [23.0]	0.94 [24.0]	1.88 [47.8]	0.50 [12.7]	0.38 [9.6]	1.03 [26.3]	1
PI091604S	1/2" x 1/2 BSPT		1.72 [43.6]	1.20 [30.5]	0.91 [23.0]	0.91 [23.0]	0.94 [24.0]	1.83 [46.5]	0.63 [16.0]	0.38 [9.6]	1.03 [26.3]	1