Air & Pneumatics

Straight Adaptor (BSP Thread) Metric

Converts metric to a BSP type thread connection.

Overview

John Guest Straight Adaptor (BSP Thread) Plastic push-fit fitting converts metric pipe to an imperial BSP type thread for connection to a fixture or appliance. Fast and simple to install, John Guest Air and Pneumatics creates an instant connection and airtight seal without the need for tools, hot works or sealing agents. Air piping systems can be set up and installed 50% quicker than traditional methods.

The unique collet locking design firmly and securely holds the pipe in place without deforming the pipe or restricting flow. Push-fit straight adaptor fittings are also fully demountable, reducing system downtime during maintenance and making it quick and easy to modify or extend systems.

Designed in tough engineered plastic, push-fit fittings are compatible with John Guest nylon, powder coated aluminium or LLDPE tubing, as well as copper, PEXa and other soft metal pipe materials. All John Guest push-fit fittings are manufactured and assembled in the UK.

Features & Benefits

- Plastic push-fit adaptor for connecting to BSP threads
- Strong acetal copolymer fitting with nitrile O-Ring
- Airtight connection with superior flow characteristics
- Instant push-fit connection and demountable without tools
- Secure collet cover prevents accidental disconnection
- Suitable for air and pneumatics piping systems up to 10 bar
- Ideal for air, inert gases and vacuum applications
- Food grade fitting suitable for potable liquids
- Compatible with soft metal or plastic pipe/tubing

Product code	Description	Size	Bag QTY
PM010411E	Straight Adaptor (BSP Thread) Plastic	4mm x 1/8"	10
PM010412E	Straight Adaptor (BSP Thread) Plastic	4mm x 1/4"	10
PM010511E	Straight Adaptor (BSP Thread) Plastic	5mm x 1/8"	10
PM010512E	Straight Adaptor (BSP Thread) Plastic	5mm x 1/4"	10
PM010611E	Straight Adaptor (BSP Thread) Plastic	6mm x 1/8"	10
PM010612E	Straight Adaptor (BSP Thread) Plastic	6mm x 1/4"	10
PM010811E	Straight Adaptor (BSP Thread) Plastic	8mm x 1/8"	10
PM010812E	Straight Adaptor (BSP Thread) Plastic	8mm x 1/4"	10
PM010813E	Straight Adaptor (BSP Thread) Plastic	8mm x 3/8"	10
PM011014E	Straight Adaptor (BSP Thread) Plastic	10mm x 1/4"	10
PM011013E	Straight Adaptor (BSP Thread) Plastic	10mm x 3/8"	10
PM011014E	Straight Adaptor (BSP Thread) Plastic	10mm x 1/2"	10
PM011213E	Straight Adaptor (BSP Thread) Plastic	12mm x 3/8"	10
PM011214E	Straight Adaptor (BSP Thread) Plastic	12mm x 1/2"	10

2 YEAR GUARANTEE

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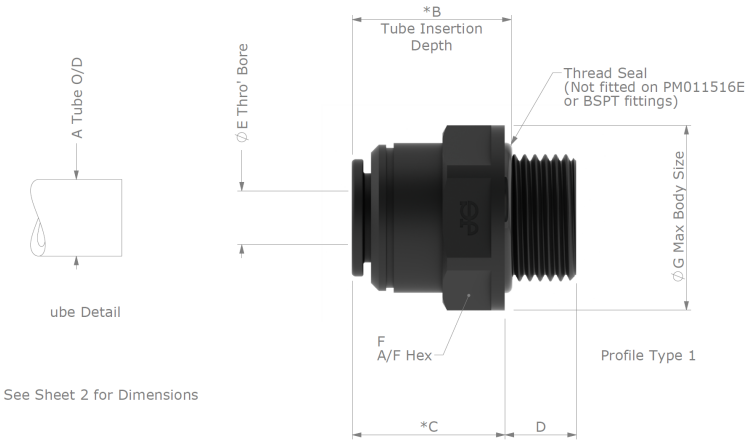
Working parameters & specifications

Application	Maximum working pressure, bar
Air	16 Bar

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

Dimensions – All measurements in mm unless otherwise stated



Dimensions in mm

Product No.	Size	A Tube O/D	B	C	D	E	F	G	Profile Type
PM010411E	4mm x 1/8 BSP	4.00+0.05 / -0.07	14.3	16.6	5.5	2.5	14.0	15.4	1
PM010412E	4mm x 1/4 BSP			16.1	8.0	2.5	17.0	18.3	1
PM010511E	5mm x 1/8 BSP	5.00+0.05 / -0.10	14.3	16.6	5.5	3.4	14.0	15.4	1
PM010512E	5mm x 1/4 BSP			16.1	8.0	3.4	17.0	18.3	1
PM010611E	6mm x 1/8 BSP	6.00+0.05 / -0.10	15.7	19.8	5.5	4.1	15.0	15.8	1
PM010612E	6mm x 1/4 BSP			15.8	8.0	4.8	17.0	18.3	1
PM010811E	8mm x 1/8 BSP	8.00+0.05 / -0.10	16.7	20.0	5.5	4.1	17.0	17.8	1
PM010812E	8mm x 1/4 BSP			16.0	8.0	6.3	17.0	18.3	1
PM010813E	8mm x 3/8 BSP			15.8	9.3	6.3	22.0	24.1	1
PM011012E	10mm x 1/4 BSP	10.00+0.05 / -0.10	19.7	23.2	8.0	7.1	20.0	21.8	1
PM011013E	10mm x 3/8 BSP			18.9	9.3	7.0	22.0	24.1	1
PM011014E	10mm x 1/2 BSP			16.5	12.5	7.6	27.0	29.8	1
PM011213E	12mm x 3/8 BSP	12.00+0.05 / -0.10	24.7	21.3	9.3	8.5	24.0	26.4	1
PM011214E	12mm x 1/2 BSP			21.5	12.5	8.5	27.0	29.8	1
PM011513E	15mm x 3/8 BSP	15.00+0.05 / -0.10	28.7	30.5	9.3	9.4	22.0	26.8	2
PM011514E	15mm x 1/2 BSP			25.5	12.5	12.0	27.0	29.7	1
PM011516E	15mm x 3/4 BSP			29.6	16.5	12.0	N/A	34.7	4
PM011814E	18mm x 1/2 BSP	18.00+0.05 / -0.10	31.0	42.3	12.5	12.7	N/A	34.0	3
PM012216E	22mm x 3/4 BSP	22.00+0.05 / -0.10	34.3	44.2	17.0	17.0	N/A	40.0	3