

# Female Adaptor (BSP thread)

**Adaptor for converting connection type from a metric pipe size to a FBSP type connection**

## Overview

John Guest female adaptor (BSP thread) push-fit fitting converts a John Guest push-fit connection to a female BSP type connection. 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. 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, 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 fittings are manufactured and assembled in the UK.



## Features & Benefits

- 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
PM450411E	Female Adaptor (BSP Thread)	4mm x 1/8"	10
PM450611E	Female Adaptor (BSP Thread)	6mm x 1/8"	10
PM450612E	Female Adaptor (BSP Thread)	6mm x 1/4"	10
PM450812E	Female Adaptor (BSP Thread)	8mm x 1/4"	10
PM450813E	Female Adaptor (BSP Thread)	8mm x 3/8"	10
PM451015FE	Female Adaptor (BSP Thread)	10mm x 5/8"	10
PM451215FE	Female Adaptor (BSP Thread)	12mm x 5/8"	10



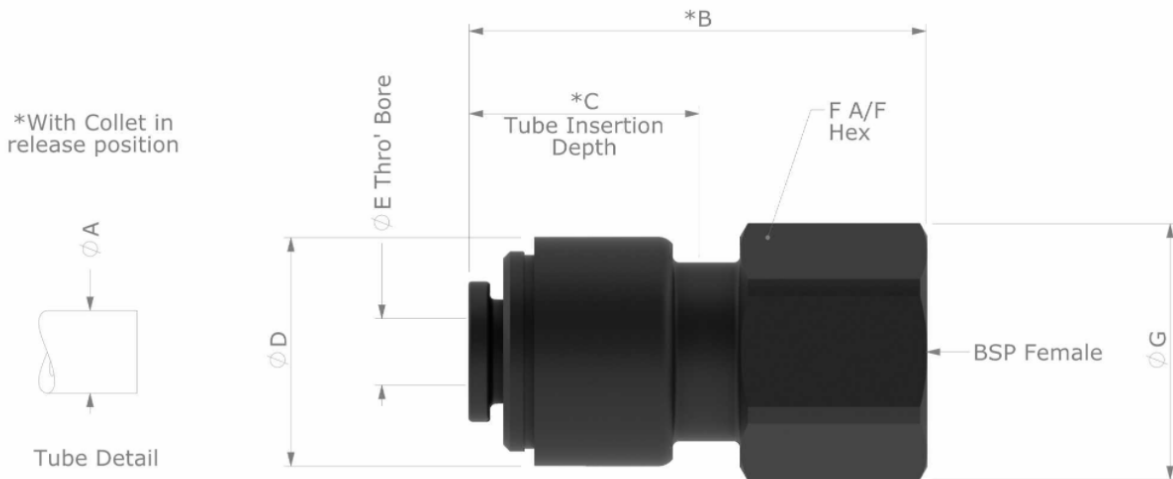
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## Working parameters & specifications

Application	Maximum working pressure, bar
Air	16 Bar

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

## Dimensions – All measurements in mm unless otherwise stated



Product No.	Description	A	B	C	D	E	F	G	Thread Seal Type
PM450411E	4mm x 1/8 BSP	4.00 +0.05 / -0.07	27.8	14.3	13.0	2.5	14.0	15.4	O'Ring
PM450611E	6mm x 1/8 BSP	6.00 +0.05 / -0.10	31.3	15.7	15.0	4.0 A/F Hex	Ø15.0	N/A	None
PM450612E	6mm x 1/4 BSP	6.00 +0.05 / -0.10	32.2	15.7	16.6	4.8	17.0	18.6	O'Ring
PM450613FE	6mm x 3/8 BSP	6.00 +0.05 / -0.10	30.5	15.7	17.8	4.8	22.0	24.0	Washer
PM450812E	8mm x 1/4 BSP	8.00 +0.05 / -0.10	32.4	16.7	16.6	6.3	17.0	18.6	O'Ring
PM450813E	8mm x 3/8 BSP	8.00 +0.05 / -0.10	30.8	16.8	17.8	6.3	22.0	24.0	Washer
PM451013E	10mm x 3/8 BSP	10.00 +0.05 / -0.10	39.5	19.7	23.0	6.6	22.0	24.0	Washer
PM451015FE	10mm x 5/8 BSP	10.00 +0.05 / -0.10	40.5	19.7	19.9	7.0	28.0 Oct	29.3	Washer
PM451215FE	12mm x 5/8 BSP	12.00 +0.05 / -0.10	38.5	25.9	23.0	9.6	28.0 Oct	29.3	Washer

Dimensions in mm