

Reducing Straight Connector

Reduces a supply feed to a smaller outlet size

Overview

John Guest reducing straight connector push-fit fitting connects two pipes/tubes of an unequal connection size. 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
PI200806S	Reducing Straight Connector	1/4" x 3/16"	10
PM200804S	Reducing Straight Connector	5/16" x 5/32"	10
PI201006S	Reducing Straight Connector	5/16" x 3/16"	10
PI201008S	Reducing Straight Connector	5/16" x 1/4"	10
PI201206S	Reducing Straight Connector	3/8" x 3/16"	10
PI201208S	Reducing Straight Connector	3/8" x 1/4"	10
PI201210S	Reducing Straight Connector	3/8" x 5/16"	10
PI201608S	Reducing Straight Connector	1/2" x 1/4"	10
PI201610S	Reducing Straight Connector	1/2" x 5/16"	10
PI201612S	Reducing Straight Connector	1/2" x 3/8"	10



Reducing Straight Connector Imperial

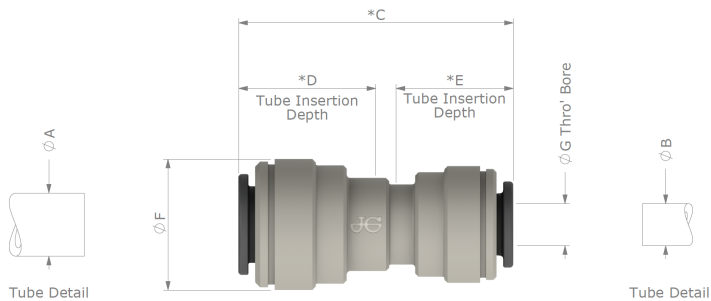
Working parameters & specifications

Application	Maximum working pressure, bar
Air	16 Bar

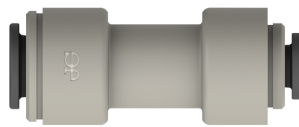
Materials

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

Dimensions – All measurements in mm unless otherwise stated



Body Profile Type 1



Body Profile Type 2

See Sheet 2 for Dimensions

*With Collet(s) in release position

Product Number	Size	A Tube O/D	B Tube O/D	C	D	E	F	G	Body Profile Type
PI200806S	1/4" - 3/16"	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.188 +0.001 / -0.003 [4.78 +0.03 / -0.07]	1.39 [35.3]	0.62 [15.7]	0.56 [14.3]	0.59 [15.0]	0.12 [3.0]	2
PM200804S	5/16" - 5/32"	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.156 +0.001 / -0.003 [3.97 +0.03 / -0.07]	1.66 [42.1]	0.66 [16.7]	0.56 [14.3]	0.70 [17.8]	0.10 [2.5]	2
PI201006S	5/16" - 3/16"	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.188 +0.001 / -0.003 [4.78 +0.03 / -0.07]	1.66 [42.1]	0.66 [16.7]	0.56 [14.3]	0.70 [17.8]	0.15 [3.8]	2
PI201008S	5/16" - 1/4"	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	1.64 [41.8]	0.66 [16.7]	0.62 [15.7]	0.70 [17.8]	0.21 [5.3]	2
PI201206S	3/8" - 3/16"	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.188 +0.001 / -0.003 [4.78 +0.03 / -0.07]	1.56 [39.6]	0.78 [19.7]	0.56 [14.3]	0.78 [19.8]	0.12 [3.0]	1
PI201208S	3/8" - 1/4"	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	1.56 [39.6]	0.78 [19.7]	0.62 [15.7]	0.78 [19.8]	0.21 [5.3]	1
PI201208S-B ***									
PI201210S	3/8" - 5/16"	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	1.54 [39.2]	0.78 [19.7]	0.66 [16.7]	0.78 [19.8]	0.25 [6.3]	1
PI201608S	1/2" - 1/4"	0.500 +0.001 / -0.004 [12.7 +0.03 / -0.10]	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	1.67 [42.5]	0.91 [23.0]	0.62 [15.7]	0.91 [23.0]	0.21 [5.3]	1
PI201610S	1/2" - 5/16"	0.500 +0.001 / -0.004 [12.7 +0.03 / -0.10]	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	1.75 [44.5]	0.91 [23.0]	0.66 [16.7]	0.91 [23.0]	0.25 [6.3]	1
PI201612S	1/2" - 3/8"	0.500 +0.001 / -0.004 [12.7 +0.03 / -0.10]	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	1.87 [47.5]	0.91 [23.0]	0.78 [19.7]	0.91 [23.0]	0.30 [7.6]	1
*** Blue Collets									