

# Grey Acetal Reducing Straight Connector

**Reduces a supply feed to a smaller outlet size**

## Overview

John Guest grey push-fit acetal reducing straight connector fitting connects two pipes of an unequal connection size. 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 N<sub>2</sub>/CO<sub>2</sub> 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
- Superior flow characteristics
- Compatible with LLDPE or soft metal 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



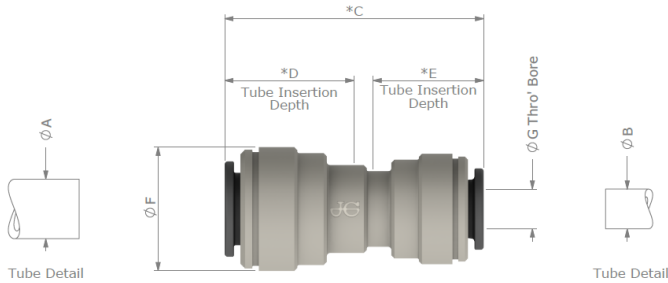
# Grey Acetal Reducing Straight Connector

	Maximum & Minimum Temperature	Maximum working pressure, bar
Potable Liquid	1°C -65°C	16 Bar (7 Bar @ 65°C)

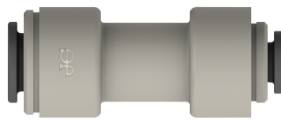
Materials	
Body	Plastic
O-Ring	Nitrile, Black
Collet	Acetal Copolymer (Unfilled)
Collet Teeth	Stainless Steel 301

Application
Potable Liquid
Food Grade Liquid
Inert Gases
Vacuum

**Dimensions – All measurements in mm unless otherwise stated**



Body Profile Type 1



Body Profile Type 2

See Sheet 2 for Dimensions

\*With Collet(s) in release position

Dimensions in Inches & [mm]

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