

Stem Reducer (Metric)

Connects 2 pipes/tubes of unequal size

Overview

John Guest reducer push-fit fitting connects two pipes or tubes of 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
PMO60504E	Reducer	5mm (Stem) x 4mm	10
PMO60604E	Reducer	6mm (Stem) x 4mm	10
PMO60605E	Reducer	6mm (Stem) x 5mm	10
PMO60804E	Reducer	8mm (Stem) x 4mm	10
PMO60805E	Reducer	8mm (Stem) x 5mm	10
PMO60806E	Reducer	8mm (Stem) x 6mm	10
PMO61006E	Reducer	10mm (Stem) x 6mm	10
PMO61208E	Reducer	12mm (Stem) x 8mm	10
PMO61210E	Reducer	12mm (Stem) x 10mm	10



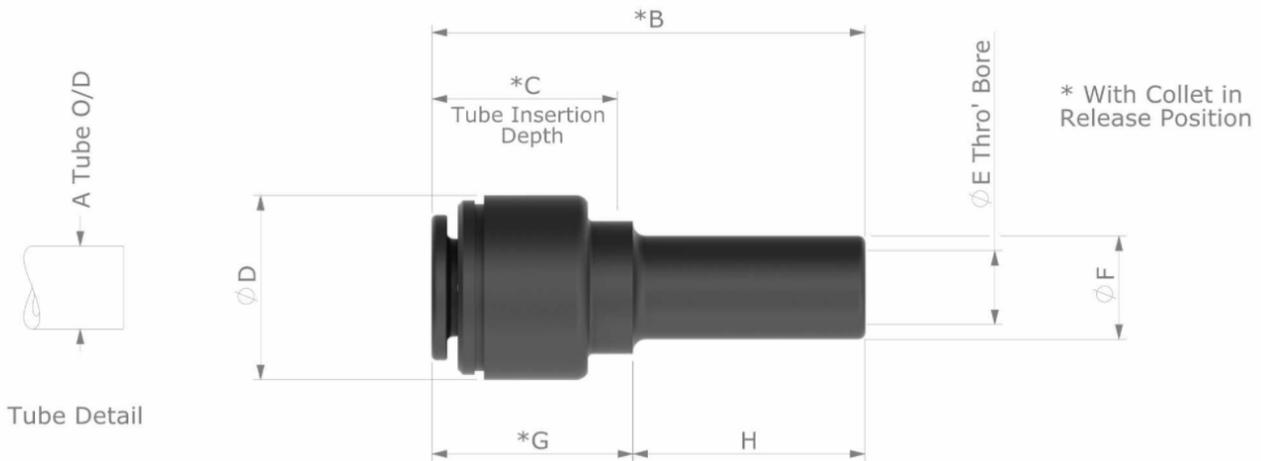
Reducer

Working parameters & specifications

Application	Maximum working pressure, bar
Air	16 Bar (4-8mm) / 10 Bar (8-28mm)

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



Product No.	Description	A - Tube O/D	B	C	ØD	ØE	ØF	G	H	
PM060504E	5mm Stem - 4mm Tube O/D	4.0	+0.05/-0.07	34.6	14.3	13.0	2.5	5.0	18.1	16.5
PM060604E	6mm Stem - 4mm Tube O/D	4.0		36.3	14.3	13.0	2.5	6.0	18.3	18.3
PM060605E	6mm Stem - 5mm Tube O/D	5.0		36.1	14.3	13.0	3.4	6.0	18.1	18.0
PM060804E	8mm Stem - 4mm Tube O/D	4.0		37.2	14.3	13.0	3.5	8.0	18.1	19.1
PM060805E	8mm Stem - 5mm Tube O/D	5.0		37.2	14.3	13.0	3.4	8.0	18.1	19.1
PM060806E	8mm Stem - 6mm Tube O/D	6.0	+0.05/-0.10	37.4	15.7	15.0	4.8	8.0	18.3	19.1
PM061006E	10mm Stem - 6mm Tube O/D	6.0		40.5	15.7	15.0	4.8	10.0	18.3	22.2
PM061008E	10mm Stem - 8mm Tube O/D	8.0		40.4	16.7	17.8	6.3	10.0	18.2	22.2
PM061208E	12mm Stem - 8mm Tube O/D	8.0		40.5	16.7	17.8	6.3	12.0	18.2	27.5
PM061210E	12mm Stem - 10mm Tube O/D	10.0		50.0	19.7	19.8	7.6	12.0	22.5	27.5
PM061510E	15mm Stem - 10mm Tube O/D	10.0		55.3	19.7	19.8	7.6	15.0	22.6	32.7
PM061512E	15mm Stem - 12mm Tube O/D	12.0		60.2	25.9	23.0	9.1	15.0	27.7	32.5
PM061815E	18mm Stem - 15mm Tube O/D	15.0		70.5	28.7	26.7	12.1	18.0	34.4	36.1
PM062215E	22mm Stem - 15mm Tube O/D	15.0		69.6	27.8	27.0	12.1	22.0	33.5	36.5
PM062218E	22mm Stem - 18mm Tube O/D	18.0		71.6	31.0	31.1	16.0	22.0	35.5	36.1

Dimensions in mm