



Wide variety of sizes and styles to fit any application

Quick release buttons for easy tube removal

Miniature options for ultra-compact applications

Mounting holes on all union models

We make things MOVE®

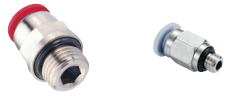
Composite Push-to-Connect Fittings (ISO 14743)

Bimba Composite Push-in Fittings are ready to use, offering easy assembly without the need for tools. Our composite fittings line offers a broad range of over 1,000 composite push-in pneumatic fittings to complement our established all brass fittings series. They are quick to add and remove, with easy tube insertion, making them ideal for completing pneumatic circuits. No pneumatic application is complete without fittings!

Features and Benefits

- > For simple and quick assembly of pneumatic circuits
- > Positive tube connection
- > Wide range of types available
- > Releasable stainless-steel grab-ring to grip nylon or polyurethane tube (85 or 95 durometer)
- > Nickel plated brass components provide corrosion and contamination resistance and an extended life
- > Pre applied thread sealant on all taper threads and recessed captive O-ring on parallel threads provides optimum rapid sealing
- > Internal and external hexagons on straight fittings
- > Immediate quality sealing using silicone free U-packing
- > Mounting holes on all union fittings
- > Miniature option is an ultra compact alternative where space is at a premium

Available Styles (Metric and Imperial)



Straight Connector
(standard and miniature)



Swivel Elbow
(standard and miniature)



Fixed Elbow
(standard and miniature)



Fixed Y



Swivel Y



Fixed Tee
(standard and miniature)



Swivel Tee
(standard and miniature)



Cross



Manifold



Banjo

Materials of Construction

Materials	
Body:	PBT
Seal:	NBR (silicone-free) u-packaging and O-rings
Threaded bodies:	Nickel-plated brass
Release sleeve and backing ring:	POM
Grab-ring:	Stainless steel
Collar:	Nickel-plated brass
Thread sealant:	Chemiseal G 175

Technical Data

Medium

Compressed air

Operating pressure

29.5" Hg vacuum up to 150 psi

Temperature

32°F to 140°F

Tube sizes

Standard sizes: 5/32", 3/16", 1/4", 5/16", 3/8" and 1/2"

Miniature sizes: 1/8", 1/4", 5/32"

Thread sizes

Standard sizes: 10-32 UNF, 1/8", 1/4", 3/8 and 1/2" NPT and ISO R

Miniature sizes: 10-32 UNF, 1/16" and 1/8" NPT

Tube types

Nylon 11 or 12

Polyurethane 85 or 95 durometer



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Due to our policy of continuous development, Bimba reserve the right to change specifications without prior notice.

IMI Precision Engineering operates four global centres of technical excellence and a sales and service network in 75 countries, as well as manufacturing capability in the USA, Germany, China, UK, Switzerland, Czech Republic, Mexico and Brazil.

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