ROYAL
Brass Products
Exquisite Craftsmanship

# PNEUMATIC PUSH-IN TUBE FITTINGS

## PU Fittings

Reliable Connections
For a Smarter Tommorrow





Precision in *Every Turn*

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- Features and Benefits
- Thread and Connection Options
- Applications

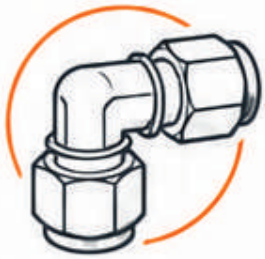
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## Pneumatic Push-in Tube Fittings / PU Fittings

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# ABOUT US

## ROYAL BRASS PRODUCTS

### Exquisite Craftsmanship

At **ROYAL BRASS PRODUCTS,** we are committed to delivering quality brass fittings and precision-engineered connection solutions for diverse industrial and commercial applications. With a focus on craftsmanship, reliability, and customer satisfaction, we aim to provide products that meet the evolving needs of our customers.

Our product range includes **BRASS GARDEN HOSE BARB FITTINGS, PNEUMATIC PUSH-IN TUBE FITTINGS, PU FITTINGS, BRASS COMPRESSION FITTINGS,** and Pipe Fittings. We emphasize precision manufacturing, dependable performance, and consistent product quality to support a wide range of applications.

## OUR MISSION

To provide reliable, high-quality brass fittings and connection solutions through precision, continuous improvement, and customer-focused service.

## OUR VISION

To build lasting partnerships and become a trusted name in brass fittings through quality, innovation, and excellence in craftsmanship.

## WHY CHOOSE ROYAL BRASS PRODUCTS?

- A diverse range of brass and pneumatic fittings
- Attention to detail and finishing
- Multiple thread and connection options
- Flexible packaging solutions
- Custom requirements and pricing available on request

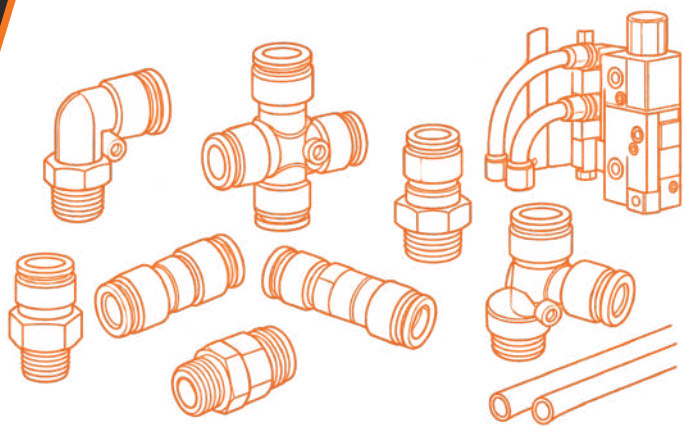
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# Pneumatic Push-in

## Tube Fittings/ PU Fittings

Royal Brass Products offers a wide range of pneumatic push-in tube fittings for compressed air systems, pneumatic equipment, and industrial automation, including connectors, tees, elbows, unions, and threaded fittings.



## Markets

- Industrial Automation
- Pneumatic Equipment
- Factory and Process Automation
- Industrial Machinery
- Equipment Assembly

## Applications

- Pneumatic control circuits
- Compressed-air distribution
- Industrial automation equipment
- Pneumatic machinery
- Compatible actuator and cylinder connections

## Features and Benefits

- Push-in tube connection design
- Multiple tube outside diameters
- Selected threaded-port configurations
- Compact connection designs for pneumatic installations
- Tube and fitting compatibility specified by product
- Customised packaging and order quantities available upon request

## Thread and Connection Options

- BSPP (G) — Parallel pipe threads
- BSPT (R) — Tapered pipe threads
- NPT — Tapered pipe threads
- Metric threads — Where specified
- Metric and inch tube O.D. options, according to the product range

**Technical Note:** Confirm tube material, outside diameter, port thread, working pressure, temperature range, and fluid compatibility. Verify ISO 14743 conformity before claiming compliance.

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# PNEUMATIC PUSH-IN TUBE FITTINGS / PU FITTINGS

World-Class Brass Components

## 1 PU "T" Assembly



| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 001 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 002 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 003 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 003 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 004 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 005 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 006 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 007 | 3/8" | As Applicable | On Request | Standard / Customized |

## 2 Equal Pu "T" Assembly



| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 008 | 6MM | As Applicable | On Request | Standard / Customized |
| RBP PU 009 | 8MM | As Applicable | On Request | Standard / Customized |
| RBP PU 010 | 10MM | As Applicable | On Request | Standard / Customized |
| RBP PU 011 | 12MM | As Applicable | On Request | Standard / Customized |

## 3 P U Elbow Assembly



| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 012 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 013 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 014 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 015 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 016 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 017 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 018 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 019 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 020 | 1/2" | As Applicable | On Request | Standard / Customized |
| RBP PU 021 | 1/2 | As Applicable | On Request | Standard / Customized |

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## Equal P U Elbow Assembly 4

| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 022 | 6MM | As Applicable | On Request | Standard / Customized |
| RBP PU 023 | 8MM | As Applicable | On Request | Standard / Customized |
| RBP PU 024 | 10MM | As Applicable | On Request | Standard / Customized |
| RBP PU 025 | 12MM | As Applicable | On Request | Standard / Customized |



## P U Connector Assembly 5

| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 026 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 027 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 028 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 029 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 030 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 031 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 032 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 033 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 034 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 035 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 036 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 037 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 038 | 1/2" | As Applicable | On Request | Standard / Customized |
| RBP PU 039 | 1/2" | As Applicable | On Request | Standard / Customized |
| RBP PU 040 | 1/2" | As Applicable | On Request | Standard / Customized |
| RBP PU 041 | 1/2" | As Applicable | On Request | Standard / Customized |



## 6 P U Connevtor Female



| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 042 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 043 | 1/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 044 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 045 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 046 | 1/4" | As Applicable | On Request | Standard / Customized |

## 7 Equal P U Connector Assembly



| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 047 | 6MM | As Applicable | On Request | Standard / Customized |
| RBP PU 048 | 8MM | As Applicable | On Request | Standard / Customized |
| RBP PU 049 | 10MM | As Applicable | On Request | Standard / Customized |
| RBP PU 050 | 12MM | As Applicable | On Request | Standard / Customized |

## 8 P U Elbow Assembly



| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 051 | 6Mm | As Applicable | On Request | Standard / Customized |
| RBP PU 052 | 8MM | As Applicable | On Request | Standard / Customized |
| RBP PU 053 | 10MM | As Applicable | On Request | Standard / Customized |

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## Four Way P U Assembly 9

| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 054 | 6MM | As Applicable | On Request | Standard / Customized |
| RBP PU 055 | 8MM | As Applicable | On Request | Standard / Customized |



## Flare Nut Short Neck Forged 10

| Part No. | Size | Thread Standard | Rate | Packing |
|---|---|---|---|---|
| RBP PU 056 | 3/16" | As Applicable | On Request | Standard / Customized |
| RBP PU 057 | 1/4" | As Applicable | On Request | Standard / Customized |
| RBP PU 058 | 5/16" | As Applicable | On Request | Standard / Customized |
| RBP PU 059 | 3/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 060 | 1/2" | As Applicable | On Request | Standard / Customized |
| RBP PU 061 | 5/8" | As Applicable | On Request | Standard / Customized |
| RBP PU 062 | 3/4" | As Applicable | On Request | Standard / Customized |

