
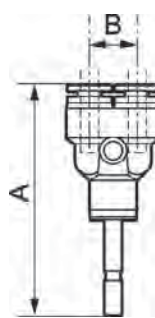

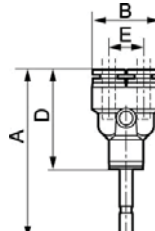

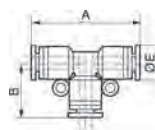

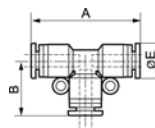




CONEX PUSH-IN FITTINGS CONNECTION FITTINGS

| Pressure 0 to 150 PSI | Temperature 32° F to 140° F | Construction Body: Polymer or nicked brass | | | | | Fluid Air | Diameter Tubes OD in Fractional inch or Metric tube | | Compatible with PU - PA tubings |
|---|---|--|-------|---|-------|-------|--------------|---|------------------|------------------------------------|
| | | A | B | C | D | E | DESCRIPTION | | | PART NUMBER |
| Unequal Plug-in Y - Fractional inch - RPY PT | | PCC PART NUMBER | | | | | | | | |
|  |  | 1.87 | 0.413 | | | | Fitting Ø ID | Tube Ø OD | | |
| | | 2.083 | 0.413 | | | | 5/32 | 1/8 | 1109YP-25-02-02 | RPY PT5318 |
| | | 2.311 | 0.512 | | | | 1/4 | 5/32 | 1109YP-04-25-25 | RPY PT4153 |
| | | 2.709 | 0.571 | | | | 5/16 | 1/4 | 1109YP-05-04-04 | RPY PT5141 |
| | | 2.819 | 0.709 | | | | 3/8 | 5/16 | 1109YP-06-05-05 | RPY PT3851 |
| | | | | | | | 1/2 | 3/8 | 1109YP-08-06-06 | RPY PT2138 |
| Tapping Y piece for unequal tubes - RPY PT | | | | | | | | | | |
|  |  | 2.067 | 0.787 | | 1.22 | 0.413 | Fitting Ø ID | Tube Ø OD | | |
| | | 2.165 | 1.008 | | 1.319 | 0.512 | 6 mm | 4 mm | M1109YP-06-04-04 | RPY PT0604 |
| | | 2.362 | 1.087 | | 1.378 | 0.571 | 8 mm | 6 mm | M1109YP-08-06-06 | RPY PT0806 |
| | | 2.787 | 1.323 | | 1.791 | 0.709 | 10 mm | 8 mm | M1109YP-10-08-08 | RPY PT1008 |
| | | | | | | | 12 mm | 10 mm | M1109YP-12-10-10 | RPY PT1210 |
| Equal union tee - Fractional inch tube to tube - RPT ET | | | | | | | | | | |
|  |  | 1.378 | 0.689 | | | 0.394 | Tube Ø OD | | | |
| | | 1.378 | 0.689 | | | 0.394 | 1/8 | | 1164P-02-02-02 | RPT ET1818 |
| | | 1.575 | 0.787 | | | 0.504 | 5/32 | | 1164P-25-25-25 | RPT ET5353 |
| | | 1.575 | 0.787 | | | 0.504 | 3/16 | | 1164P-03-03-03 | RPT ET3131 |
| | | 1.795 | 0.898 | | | 0.543 | 1/4 | | 1164P-04-04-04 | RPT ET4141 |
| | | 2.016 | 1.008 | | | 0.661 | 5/16 | | 1164P-05-05-05 | RPT ET5151 |
| | | 2.236 | 1.118 | | | 0.807 | 3/8 | | 1164P-06-06-06 | RPT ET3838 |
| | | | | | | | 1/2 | | 1164P-08-08-08 | RPT ET2121 |
| Equal union tee - RPT ET | | | | | | | | | | |
|  |  | 1.378 | 0.689 | | | 0.394 | Tube Ø OD | | | |
| | | 1.575 | 0.787 | | | 0.504 | 4 mm | | M1164P-04-04-04 | RPT ET0404 |
| | | 1.795 | 0.898 | | | 0.543 | 6 mm | | M1164P-06-06-06 | RPT ET0606 |
| | | 2.126 | 1.063 | | | 0.661 | 8 mm | | M1164P-08-08-08 | RPT ET0808 |
| | | 2.189 | 1.094 | | | 0.78 | 10 mm | | M1164P-10-10-10 | RPT ET1010 |
| | | 2.441 | 1.22 | | | 0.894 | 12 mm | | M1164P-12-12-12 | RPT ET1212 |
| | | 2.52 | 1.26 | | | 0.937 | 14 mm | | M1164P-14-14-14 | RPT ET1414 |
| | | | | | | | 16 mm | | M1164P-16-16-16 | RPT ET1616 |

Conex range

PUSH-IN FITTINGS

AN EXTENSIVE HIGH-PERFORMANCE RANGE

- ▶ Polymer range: lightweight push-in fittings, tough and easy to install
- ▶ Micro Conex range: compact push-in fittings

COMPLETE RANGE

- ▶ CONEX polymer range: Lightweight, rugged polymer push-fit fittings that are easy to install
- ▶ MICRO CONEX range: Small polymer push-in fittings
- ▶ Accessories range

INSTALLATION

- ▶ Secure, easy installation
- ▶ External hex and internal hex and port plugs
- ▶ Tapered or parallel thread with seal

CONNECTING

- ▶ Easy fitting
- ▶ Simply push tubing into fitting

DISCONNECTING

- ▶ Easy to hold
- ▶ Instant disconnection: simply apply pressure to the release collar to release the teeth from tubing
- ▶ Quick: collar automatically positions itself

INSTANT SEAL

- ▶ Teflon®-coated tapered thread
- ▶ Parallel thread with NBR seal at groove bottom

GRIP ON TUBING

- ▶ Excellent hold of tubing inside fitting
- ▶ Stainless steel grip ring
- ▶ Excellent grip on outside of tubing

STRENGTH

- ▶ Vibration resistance
- ▶ Tight connections even under the most severe conditions (vibrations, misalignments)



Easy to use

For easier installation, all straight fittings may be added using an Allen wrench



90° swivel male extender elbow

Optimised elbow outlets
Center elbow connections



Positioning system with alignment eyelet

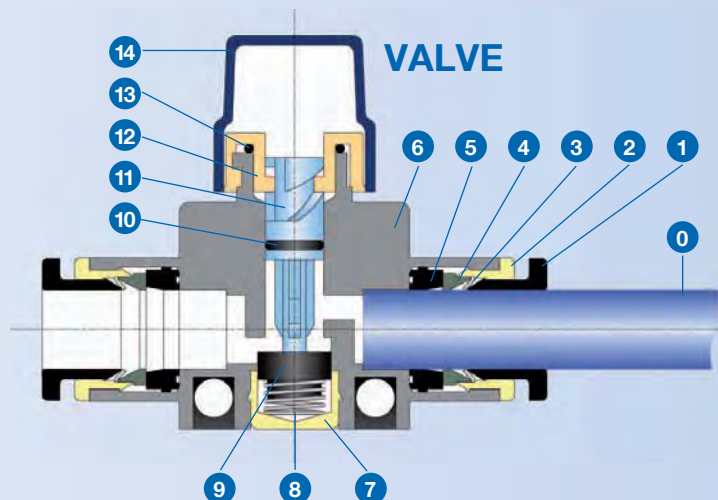


| TECHNICAL CHARACTERISTICS | | |
|---------------------------|---------------------------|--------------|
| FLUID TYPE | COMPRESSED AIR | |
| > SERVICE PRESSURE | 0 to 10 bar | 0 to 150 PSI |
| > SERVICE TEMPERATURE | 0 to 60°C | 32 to 140°F |
| > RECOMMENDED TUBING | Polyurethane or Polyamide | |



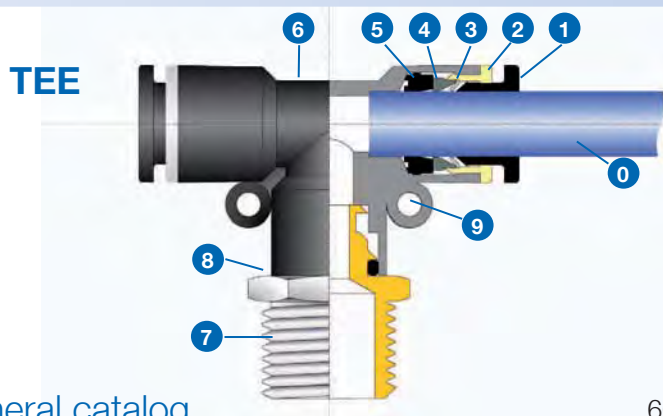
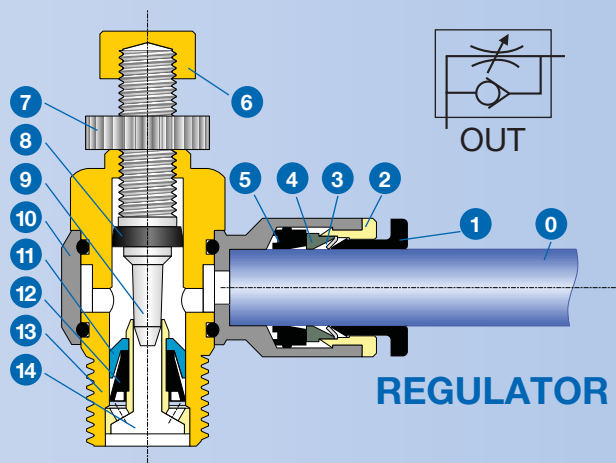
| SPECIFICATIONS | | |
|--------------------------------|--------|------------------|
| THREADS | | |
| > BRITISH TAPER PIPE THREAD | BSP | R 1/8" to R 1/2" |
| > BRITISH PARALLEL PIPE THREAD | BSP | G 1/8" to G 1/2" |
| > NPT TAPERED THREAD | NPT | 1/8" to 1/2" |
| > METRIC PARALLEL THREAD | UNF | 10 - 32 |
| > METRIC PARALLEL THREAD | Metric | M3 and M5 |

> Prevost polyamide hoses comply with DIN 73378 and DIN 74324 standards.



- 0 Tube
- 1 Release collar
- 2 Metal liner
- 3 Stainless steel teeth
- 4 Tube stop
- 5 Lip seal
- 6 Polymer body
- 7 Seat
- 8 Spring
- 9 Flat flanged gasket
- 10 O-ring
- 11 Opening/closing plug with liner for venting
- 12 Nozzle nut
- 13 O-ring
- 14 Valve bonnet

- 0 Tube
- 1 Release collar
- 2 Metal liner
- 3 Stainless steel teeth
- 4 Tube stop
- 5 Lip seal
- 6 Adjusting knob
- 7 Jam nut
- 8 Lip seal
- 9 Needle
- 10 Polymer body
- 11 Stop
- 12 Lip seal
- 13 Sealing coated thread
- 14 Nozzle



- 0 Tube
- 1 Release collar
- 2 Metal sleeve
- 3 Stainless steel prongs
- 4 Tube stop
- 5 Lip seal
- 6 Polymer body
- 7 Cylindrical thread with gasket at bottom of groove or Teflon-coated tapered
- 8 Swivel body
- 9 Fastening eyelets