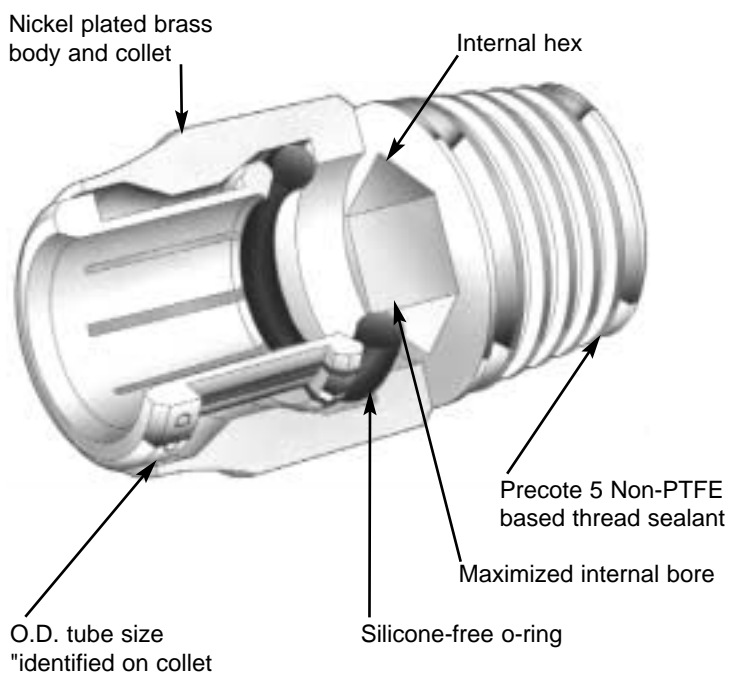


Pneufit® Inch Series Push-In Tube Fittings

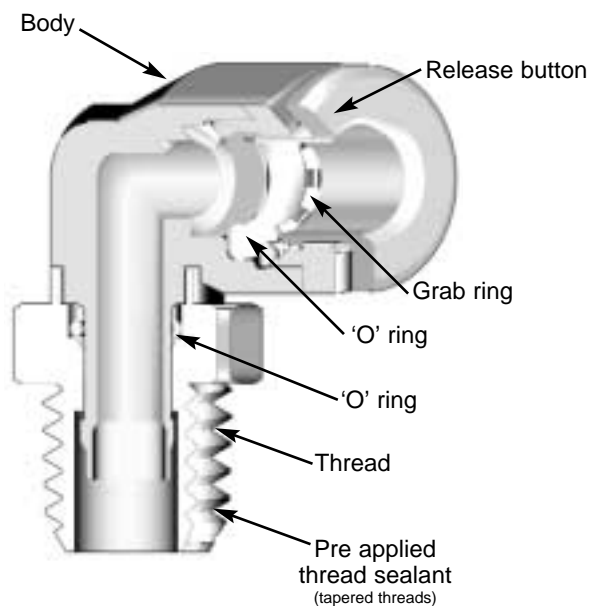
1/8" to 1/2" Tube Sizes
10-32 UNF to 1/2" NPT
Thread Options

Inch Series Product Numbering System	FIT-1-2
Inch Series Shapes and Codes	FIT-1-3
Inch Series Specifications	FIT-1-4
Inch Series Features and Benefits	FIT-1-5
Inch Series Part Numbers and Dimensional Information	FIT-1-6

Pneufit 12 Series



Pneufit C2 Series





Product Numbering System

Position → **1 2** **3 4 5** **6 7 8 9** **(V)**

Fitting Series Number

- 10 Brass push-in fittings (metric) nickel plate + washers, sealant, assembled
- 11 Plastic push-in fittings (metric)
- 12 Brass push-in fittings (inch) nickel plate + washers, sealant assembled
- 13 Plastic push-in fittings (inch)
- 15 ISO R Pipe Fittings Brass Nickel Plate
- 16 ISO G Pipe Fittings Brass Nickel Plate + Washers Assembled
- 20 ISO G Banjo Bolts
- 21 Metric WeldFit
- 33 Inch WeldFit
- C0 Pneufit Metric
- C2 Pneufit Inch

Suffix Position (Optional)

- BP Bulk packaging
- GR ISO R thread
- V Viton seals 10/12 Series only
- XA Without thread sealant

Thread Size

- | | |
|---------------|----------|
| 18 | 1/8 |
| 28 | 1/4 |
| 38 | 3/8 |
| 48 | 1/2 |
| UNF | |
| 10 | 10-32 |
| Metric | |
| 05 | M5 x 0.8 |

Thread/Banjo Bolt

- 0 No port thread
- 1 ISO R
- 2 ISO G + M5
- 4 NPTF + 10-32 UNF
- A Single bolt
- B Double bolt
- C Triple bolt
- D Single bolt M5 top port
- E Single bolt G 1/8 top port
- F Single bolt G 1/4 top port
- G Single bolt G 3/8 top port
- J Single bolt with test point
- K ISO G Single bolt - regulating out
- T ISO R Single bolt - regulating out
- V NPTF Single bolt - regulating out
- W NPTF Single bolt - regulating out
- Z NPTF Single bolt - bi-directional

Tube Size

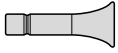
Inch O.D.		Metric O.D.	
01	1/8"	04	4 mm
02	5/32"	05	5 mm
03	3/16"	06	6 mm
04	1/4"	08	8 mm
05	5/16"	10	10 mm
06	3/8"	12	12 mm
07	1/2"	14	14 mm

Fitting Shape

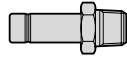
See facing page for shapes and codes.



Positions 4 and 5 denote fitting shape



04 Plug – O.D. Tube Stem
p. FIT-1-27.



15 Stem adapter – O.D. tube stem to male thread
p. FIT-1-(18-19)



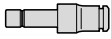
19 Barbed adapter – O.D. tube stem to hose bore
p. FIT-1-27.



20 Union – O.D. tube to O.D. tube
p. FIT-1-8.



22 Double Male Union – O.D. tube stem to O.D. tube
p. FIT-1-9.



23 Tube End Expander/Reducer – O.D. tube stem to O.D. tube
p. FIT-1-10.



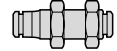
24 Self Sealing (Checked) Connector – O.D. tube to male thread
p. FIT-1-17



25 Male Connector – O.D. tube to male thread
p. FIT-1-(14/16/17)



26 Female Connector – O.D. tube to female thread
p. FIT-1-20.



29 Bulkhead Union – O.D. tube to O.D. tube
p. FIT-1-11.



32 Female Bulkhead Connector – O.D. tube to female thread
p. FIT-1-16.



37 Conversion Union – inch O.D. tube to metric O.D. tube
p. FIT-1-9.



40 Union Elbow – O.D. tube to O.D. tube
p. FIT-1-11.



45 Male Elbow – O.D. tube to male thread
p. FIT-1-20.



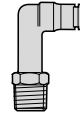
47 Swivel Male Elbow – O.D. tube to male thread
p. FIT-1-21.



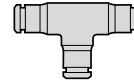
48 Swivel Female Elbow – O.D. tube to female thread
p. FIT-1-23.



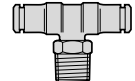
51 Banjo Elbow – O.D. tube to male thread
p. FIT-1-26.



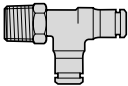
54 Extended Swivel Male Elbow – O.D. tube to male thread
p. FIT-1-22.



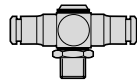
60 Union Tee – O.D. tube
p. FIT-1-12.



67 Swivel Male Branch Tee – O.D. tube (2) to male thread
p. FIT-1-24.



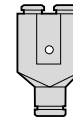
68 Swivel Male Run Tee – O.D. tube (2) to male thread
p. FIT-1-25.



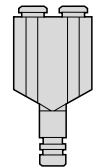
71 Tee banjo O.D. tube (2) to male thread –
p. FIT-1-27.



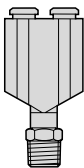
80 Union Y Connector – O.D. tube
p. FIT-1-13.



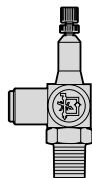
82 Parallel Union Y Connector – O.D. Tube
p. FIT-1-12.



84 Parallel Male Y Connector – O.D. tube to O.D. tube stem
p. FIT-1-13.



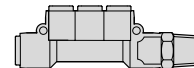
88 Parallel Male Y Swivel Adapter – O.D. tube to male thread
p. FIT-1-26.



VA0 Right Angle (Banjo) Flow Controls O.D. tube to male thread
p. FIT-3-2.



VB0 Right Angle (banjo) Flow Control
p. FIT-3-3



OD6 and 4D6 Manifold – multiple O.D. tube, and multiple O.D. tube to male thread
p. FIT-1-28

Inch Series Push-In Tube Fittings

1/8" to 1/2" Tube Sizes, 10-32 UNF to 1/2" NPT Thread Options

- Reduced assembly and maintenance time.
- Expanded pressure rating.
- Pre-applied thread sealant.
- Silicone free o-rings.
- Nickel plated brass bodies and collets.
- Maximum flows in a reduced size.

Specifications

Fluid: Compressed air, nitrogen, inert and non-combustible gases compatible with materials of construction.

Note: For other types of fluids or compressed gases, please consult factory.

Working Pressure: 29.5" Hg vacuum to 260 psig (750 mm Hg to 18 bar)

Note: Flow Control working pressures: 5 to 150 psig (.3 to 10 bar)

Working Temperature: 0° to 175°F (-20° to 80°C)

See Viton® Option for extended temperature range : 0° to 350°F (-20° to 180°C)

Materials

Body, swivel fitting and collet: Nickel plated brass

O-ring: Silicone free Nitrile

Sealing washer (parallel male threads): Thermoplastic

Tubing: Nylon 11 or 12, Polyurethane (95 durometer or above) and LDPE (Low Density Polyethylene).

Note: Lower durometer polyurethane may be used, however, an internal tube support is required to prevent internal collapse of the tube wall.

Torque figures

Thread Sealant: Precote 5 thread sealant is factory applied to the circumference of tapered male threads.

Thread	Tightening torque ft lbs (Nm)
10-32	.75 – 1 (1-1.4)
1/8"	5.0 – 6.5 (6.9 – 8.8)
1/4"	8.7 – 10.1 (11.8 – 13.7)
3/8"	15.9 – 17.3 (21.6 – 23.5)
1/2"	20.2 – 21.7 (27.4 – 29.4)



Tube O.D.'s and Tube Tolerances

Tube O.D.	O.D. Tube Tolerances	
	Nylon	Polyurethane
1/8" to 1/2" (3 mm to 14 mm)	+0.002" (+0.05 mm) -0.004" (-0.10 mm)	±0.004" (±0.10 mm)

LDPE –Tolerances specified in DIN 73378 or BS54-09/1:1976

Options

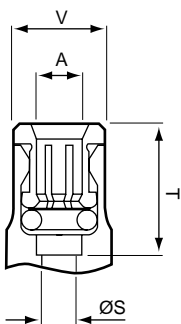
Viton® fluoroelastomers can be supplied for chemical compatibility or expanded temperature range requirements. To order fittings with Viton elastomers, add a "V" suffix to the part number.

Example: To order part 12 060 0400 with Viton, add "V" to the end of the number, i.e. 12 060 0400V.

The temperature range for fittings equipped with Viton elastomers is 0° to 350°F (-20° to 180°C)

NOTE: Fittings equipped with 10-32 UNF threads use a molded thermoplastic washer to effect a face seal. The maximum service temperature of this seal is 175°F (80°C). In the case of the 10-32 UNF male thread, a Viton bonded sealing washer is available for extended temperature service. Order part number 48 021 605V and use it in place of the thermoplastic seals provided with fittings incorporating 10-32 UNF male threads. These washers are also suitable for use with M5 (male) Pneufit Adapter fittings, and are supplied in packages of 10.

Typical Dimensions Inches (mm)



A O.D. Tube	S	T Tubing Stop	V
1/8"	0.09 (2.3)	0.53 (13.5)	0.26 (6.5)
5/32" (4)	0.11 (2.8)	0.55 (14.0)	0.30 (7.5)
3/16"	0.13 (3.4)	0.59 (15.1)	0.38 (9.7)
1/4"	0.17 (4.4)	0.61 (15.5)	0.42 (10.7)
5/16" (8)	0.24 (6.0)	0.65 (16.5)	0.51 (13.0)
3/8"	0.30 (7.6)	0.83 (21.0)	0.59 (15.1)
1/2"	0.38 (9.6)	0.96 (24.3)	0.71 (18.1)

Pneufit C – Composite Fittings Inch



Ø 1/8" to 3/8" O/D Tube



- Releasable grab ring technology combining plastic and brass components for a compact and superior fitting design
- Color coding option available with tamper-resistance feature
- Molded mounting brackets on tube connector designs
- Grey release sleeve indicating inch tube sizes
- Silicone free 'O' ring seals
- Grips soft PU tube
- Reusable 'O' ring seals on parallel threads
- Non - PTFE based thread sealant on tapered threads
- Easy tube insertion for rapid and quick assembly of pneumatic circuits
- Internal hexagon on straight adapters allows assembly in confined spaces
- Reliable and corrosion resistant

Tube sizes

1/8", 5/32", 1/4", 5/16", 3/8" O/D

Warning: The Pneufit C design is not to be used with vehicle air braking or ancillary systems. For push-in fittings suitable for these applications, please refer to the Fleetfit range or contact Technical Sales for assistance

Tube types

Nylon 11 or 12, polyurethane* and other plasticized or unplasticized tubing which conforms to the tolerances specified in DIN 73378, NFE 49-101, ISO / WD 16026, ISO / WD 16627

Copper and stainless steel tube

* Suitable for 85D

Torque figures

Thread sealant is applied to the full circumference of the thread. The recommended tightening torque figures for designs with thread sealant are found in the following table:

Thread	Tightening torque ft lbs (Nm)
1/8"	5.1 – 6.5 (6.9 – 8.8)
1/4"	8.7 – 10.1 (11.8 – 13.7)
3/8"	15.9 – 18.6 (21.6 – 23.5)
1/2"	20.2 – 21.7 (27.4 – 29.4)

Technical data

Medium:

Compressed air

Operating pressure:

Vacuum - 260 psig (18 bar) unless otherwise stated (dependent on tubing specification)

Ambient Temperature:

0° to 175°F (-20° to 80° C)

Materials

Bodies: plastic - PBT, except straight adapters and straight stem adapters

Straight adapters: nickel plated brass

Straight stem adapters: plastic - acetal

Threads: nickel plated brass

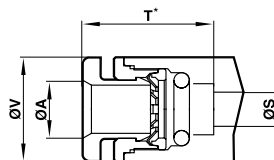
Grab ring: stainless steel - BS 1440 Pt 2, grade 301.S21

'O' rings: silicone free nitrile

Thread sealant: non PTFE

Typical dimensions (inches)

A O/D tube	S†	T* Tube stop	V
1/8"	.09	.60	.42
5/32"	.11	.60	.42
1/4"	.17	.67	.51
5/16"	.24	.76	.57
3/8"	.30	.80	.69

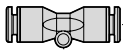


* Dimensions here and in the individual tables refer to the release button in the 'OUT' position

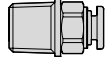
† Dimensions here (minimum bore diameter) are common per tube size for all connectors, elbow and tees unless otherwise stated



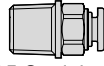
Features and Benefits



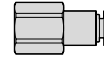
C2020 Straight Connector
- tube to tube
p. FIT-1-8



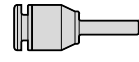
C2425 Straight Adapter
tube to UNF male
thread
p. FIT-1-15



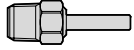
C2425 Straight Adapter
tube to NPTF thread
p. FIT-1-15.



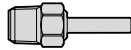
C2426 Female Straight
Adapter tube to female
NPTF thread
p. FIT-1-2.



C2023 Straight Stem
Adapter tube to stem
p. FIT-1-10.



C2415 Straight Stem
Adapter stem to NPTF
male threads
p. FIT-1-18



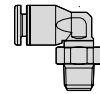
C2115 Straight Stem
Adapter stem to BSPT
male thread
FIT-1-19



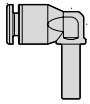
C2040 90° Elbow
Connector tube to tube
FIT-1-11



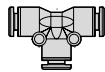
C2447 90° Swivel Elbow
Adapter tube to UNF
male thread
p. FIT-1-22.



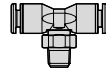
C2447 90° Swivel Elbow
Adapter tube to NPTF
male thread
p. FIT-1-22.



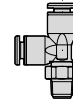
C2043 90° Stem Elbow
Connector tube to stem
p. FIT-1-22.



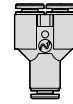
C2060 Tee Connector tube
to tube
p. FIT-1-12.



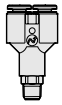
C2467 Swivel Tee Adapter
tube to NPTF male thread
p. FIT-1-24.



C2468 Male Elbow - O.D.
tube to male thread
p. FIT-1-25.



C2082 Parallel Y
Connector tube to tube
p. FIT-1-12.

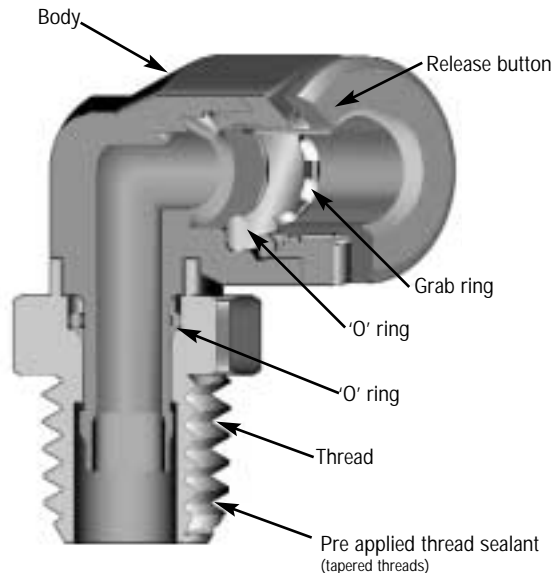


C2488 Parallel Y Adapter
tube to NPTF male thread
p. FIT-1-23.



C2084 Parallel Y Stem
Connector tube to stem
p. FIT-1-13.

Pneufit C construction:
90° swivel elbow adapter





Norgren Pneufit & Pneufit C Inch Push-In Fittings provide a simple means of connecting compressed air products to system piping. They are designed for use with flexible thermoplastic tubing and are available in a wide range of configurations to fit nearly every conceivable application.

Reduced Assembly and Maintenance Time

Norgren Push-In Fittings reduce assembly time by 70 to 80% by eliminating the time consuming insertion of ferrules and wrenching of compression nuts. Also, no tools are required for the insertion or removal of tubing from fittings, simplifying plumbing modifications and repairs.

Reduced Installation Distances

All straight Norgren Push-In Fittings feature internal hexes. Since the wrench is applied internally to the fittings rather than externally, the fittings can be located virtually shoulder to shoulder.

Expanded Pressure Rating

With a pressure operating range of 29.5" Hg vacuum to 260 psig (750 mm Hg vacuum to 18 bar), one fitting covers over 98% of applications, extending the usable range of push-in fittings and reducing both inventory and stocking requirements.

Pre-applied thread sealant

Precote 5, a non-PTFE based thread sealant, is applied to the circumference of all tapered male threads; thermoplastic sealing washers are supplied on all parallel male threads (10-32). This added feature eliminates the necessity of having to seal threads, reducing the possibility of system contamination with PTFE tape. Precote 5 thread sealant has a four year minimum shelf life, connections can be remade into the same port up to six times, it is inert, has a maximum service temperature of 350°F (180°C), and since it does not contain PTFE is accepted by the Pharmaceutical and Tobacco Industries.

Silicone Free O-rings

Silicone will migrate to product surfaces during the finishing process creating unsightly "fish eyes" that require costly rework. All O-rings used in Norgren fittings are silicone free, a mandatory requirement of both the automotive and product finishing industry.

Nickel Plated Brass Bodies and Collets

Nickel plating gives Pneufit a uniform stainless steel like appearance, does not tarnish like brass and provides an added degree of corrosion resistance.

Size Identification

All collets or release buttons are marked with the O.D. tube size in fractional inch, millimeters, or both, providing instant tube size identification. Stem fittings have two grooves for inch and one groove for metric.

Anti-kink design (Pneufit only)

Pneufit Collets are designed to rotate freely within the fitting's body. This eliminates the troublesome kinking and twisting that can occur when tubes are retained in a rigid connection.

Maximum Flows in a Reduced Size

Maximized internal bores provide optimal flows, while forged brass bodies deliver maximum strength, reduced weights (over extruded types) and reduced envelope size.

Conveniently Packaged

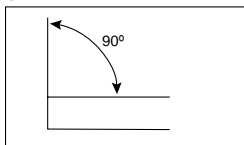
Stocking and inventory are simplified because Push-In Fittings are packaged in boxes of ten, with product number, shape and sizes prominently displayed on the box.

Internationally significant part numbering system

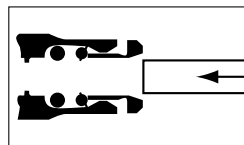
A numbering system that identifies all aspects of the product is a standard feature, with support and availability provided world wide by a network of NORGREN distributors.

Method of Assembly

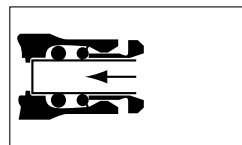
Pneufit



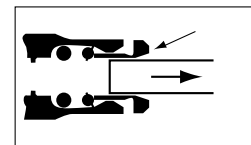
1. Ensure that the tube end is cut square and is free of burrs.



2. Push the tube through the collet into the fitting.



3. Continue pushing the tube (firmly) through the O-ring until it bottoms on the tube stop, then pull back

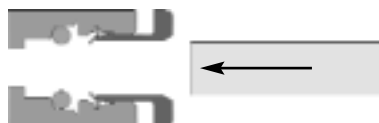


4. To disconnect, push the tube into the fitting until it bottoms on the tube stop. Then while holding down the collet, withdraw the tube.

Pneufit C



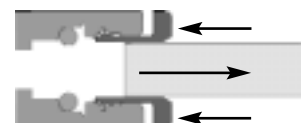
1. Ensure that the end of the tube is cut square and is free from burrs.



2. Push the tube through the release button and grab ring into the fitting.



3. Push the tube firmly through the 'O' ring until it bottoms on the tube stop then pull back.



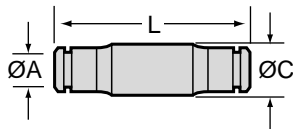
4. To disconnect, push the tube into the fitting, hold down the release button and withdraw the tube.



Inch Series Push-In Fittings

Dimensions in Inches (mm)

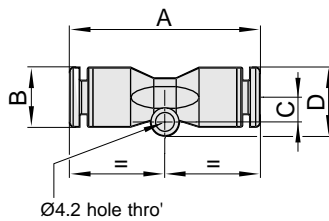
Pneufit Union



A Tube O.D.	Part Number	L	C
1/8"	12 020 0100	1.15 (29.3)	0.35 (9.0)
1/8" to 1/4"*	12 020 0104	1.22 (31.0)	0.47 (12.0)
5/32"	12 020 0200	1.17 (29.8)	0.39 (10.0)
3/16"	12 020 0300	1.26 (31.9)	0.43 (11.0)
1/4"	12 020 0400	1.28 (32.4)	0.47 (12.0)
5/16"	12 020 0500	1.35 (34.4)	0.55 (14.0)
3/8"	12 020 0600	1.71 (43.4)	0.67 (17.0)
1/2"	12 020 0700	1.98 (50.4)	0.81 (20.5)

* Reducing union with 1/8" and 1/4" connections

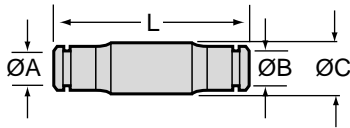
Pneufit C Union



O.D. Tube	Part Number	A	B	C	D
1/8"	C20200100	1.34 (33.5)	.43 (10.7)	.20 (5.0)	.54 (13.6)
5/32"	C20200200	1.34 (33.5)	.43 (10.7)	.20 (5.0)	.54 (13.6)
1/4"	C20200400	1.56 (39.0)	.52 (12.9)	.24 (6.0)	.63 (15.7)
5/16"	C20200500	1.74 (43.5)	.58 (14.5)	.28 (7.0)	.70 (17.5)
3/8"	C20200600	1.92 (48.0)	.70 (17.4)	.32 (8.1)	.80 (20.1)

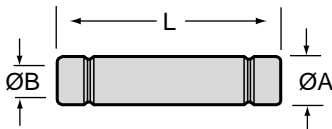


Pneufit Conversion Union (Inch tube to mm tube)



A Inch O.D.	B mm O.D.	Part Number	L	C
5/32	4	12 020 0200	1.17 (29.8)	0.39 (10.0)
3/16	5	12 037 0305	1.26 (32.0)	0.43 (11.0)
1/4	6	12 037 0406	1.28 (32.5)	0.47 (12.0)
5/16	8	12 020 0500	1.35 (34.4)	0.55 (14.0)
3/8	10	12 037 0610	1.71 (43.4)	0.67 (17.0)
1/2	12	12 037 0712	1.98 (50.3)	0.81 (20.5)

Pneufit Double Male Union (Brass)



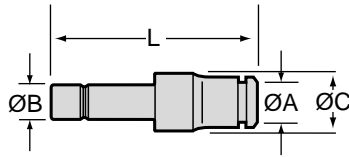
A Stem O.D.	Part Number	B	L
1/8"	12 022 0100	0.09 (2.4)	1.18 (30.0)
5/32"	12 022 0200	0.13 (3.4)	1.19 (30.2)
3/16"	12 022 0300	0.16 (4.0)	1.31 (33.3)
1/4"	12 022 0400	0.24 (6.0)	1.34 (34.0)
5/16"	12 022 0500	0.30 (7.6)	1.42 (36.1)
3/8"	12 022 0600	0.38 (9.6)	1.77 (45.0)
1/2"	12 022 0700	0.45 (11.5)	2.05 (52.0)



Inch Series Push-In Fittings

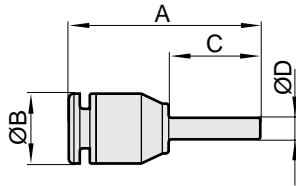
Dimensions in Inches (mm)

Pneufit Tube End Expander/Reducer



A Tube O.D.	B Stem O.D.	Part Number	L	C
Reducing				
1/8"	5/32"	12 023 0201	1.22 (31.0)	0.35 (9.0)
	1/4"	12 023 0401	1.30 (33.0)	0.35 (9.0)
5/32"	1/4"	12 023 0402	1.34 (34.0)	0.39 (10.0)
	5/16"	12 023 0502	1.22 (31.0)	0.39 (10.0)
	3/8"	12 023 0602	1.22 (31.0)	0.47 (12.0)
3/16"	1/4"	12 023 0403	1.38 (35.0)	0.43 (11.0)
	5/16"	12 023 0503	1.30 (33.0)	0.43 (11.0)
1/4"	5/16"	12 023 0504	1.46 (37.0)	0.47 (12.0)
	3/8"	12 023 0604	1.50 (38.0)	0.47 (12.0)
	1/2"	12 023 0704	1.38 (35.0)	0.55 (14.0)
5/16"	3/8"	12 023 0605	1.69 (43.0)	0.55 (14.0)
	1/2"	12 023 0705	1.65 (42.0)	0.55 (14.0)
3/8"	1/2"	12 023 0706	1.97 (50.0)	0.67 (17.0)
Expanding				
1/4"	1/8"	12 023 0104	1.34 (34.0)	0.47 (12.0)
	5/32"	12 023 0204	1.38 (35.0)	0.47 (12.0)
	3/16"	12 023 0304	1.40 (35.5)	0.47 (12.0)

Pneufit C Tube End Expander/Reducer



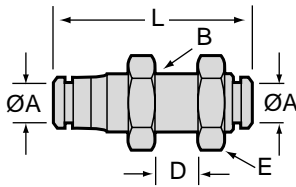
O.D. Tube	Stem	Part Number	A	B	D	E
1/8"	5/32"	C20230201	1.34 (33.5)	.43 (10.7)	.68 (17)	.16 (4.0)
1/8"	1/4"	C20230401	1.42 (35.5)	.43 (10.7)	.76 (19)	.25 (6.25)
5/32"	1/4"	C20230402	1.42 (35.5)	.43 (10.7)	.76 (19)	.25 (6.25)
5/32"	5/16"	C20230502	1.42 (35.5)	.43 (10.7)	.84 (21)	.32 (8.0)
5/32"	3/8"	C20230602	1.48 (37.0)	.43 (10.7)	.96 (24)	.40 (10.0)
1/4"	1/8"	C20230104	1.42 (35.5)	.52 (13.0)	.68 (17)	.13 (3.15)
1/4"	5/32"	C20230204	1.42 (35.5)	.52 (13.0)	.68 (17)	.16 (4.0)
1/4"	5/16"	C20230504	1.60 (40.0)	.52 (13.0)	.84 (21)	.32 (8.0)
1/4"	3/8"	C20230604	1.64 (41.0)	.52 (13.0)	.96 (24)	.40 (10.0)
1/4"	1/2"	C20230704	1.64 (41.0)	.52 (13.0)	1.10 (27.5)	.51 (12.65)
5/16"	3/8"	C20230605	1.82 (45.5)	.58 (14.5)	.96 (24)	.40 (10.0)
5/16"	1/2"	C20230705	1.98 (49.5)	.58 (14.5)	1.10 (27.5)	.51 (12.65)
3/8"	1/2"	C20230706	2.04 (51.0)	.70 (17.5)	1.10 (27.5)	.51 (12.65)

Inch Series Push-In Fittings

Dimensions in Inches (mm)

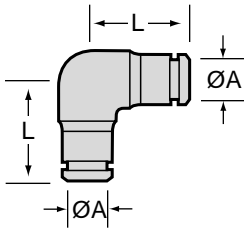


Pneufit Bulkhead Union



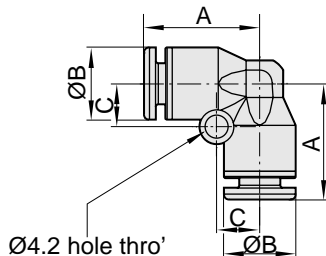
A Tube O.D.	Part Number	B Metric Thread	Panel Hole ϕ	E A/F	D Max	L
1/8"	12 029 0100	M10 x 1.0	0.42 (10.5)	0.55 (14.0)	0.47 (12)	1.15 (29.3)
5/32"	12 029 0200	M10 x 1.0	0.42 (10.5)	0.55 (14.0)	0.47 (12.0)	1.18 (30.0)
3/16"	12 029 0300	M12 x 1.0	0.49 (12.5)	0.67 (17.0)	0.55 (14.0)	1.26 (32.0)
1/4"	12 029 0400	M14 x 1.5	0.57 (14.5)	0.75 (19.0)	0.59 (15.0)	1.38 (35.0)
5/16"	12 029 0500	M16 x 1.5	0.65 (16.5)	0.87 (22.0)	0.63 (16.0)	1.42 (36.0)
3/8"	12 029 0600	M20 x 1.5	0.81 (20.5)	1.06 (27.0)	0.55 (14.0)	1.69 (43.0)
1/2"	12 029 0700	M24 x 1.5	0.96 (24.5)	1.18 (30.0)	0.59 (15.0)	1.97 (50.0)

Pneufit Union Elbow



A Tube O.D.	Part Number	L
1/8"	12 040 0100	0.65 (16.4)
5/32"	12 040 0200	0.67 (17.0)
3/16"	12 040 0300	0.72 (18.4)
1/4"	12 040 0400	0.77 (19.6)
5/16"	12 040 0500	0.84 (21.3)
3/8"	12 040 0600	1.05 (26.7)
1/2"	12 040 0700	1.25 (31.7)

Pneufit C Union Elbow



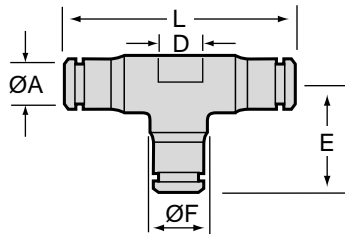
O.D. Tube	Part Number	A	B	C
1/8"	C20400100	.72 (18.0)	.43 (10.7)	.26 (6.5)
5/32"	C20400200	.72 (18.0)	.43 (10.7)	.26 (6.5)
1/4"	C20400400	.84 (21.0)	.52 (12.9)	.31 (7.7)
5/16"	C20400500	1.00 (25.0)	.58 (14.5)	.29 (7.25)
3/8"	C20400600	1.10 (27.5)	.70 (17.4)	.33 (8.35)



Inch Series Push-In Fittings

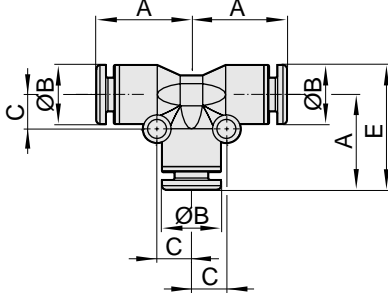
Dimensions in Inches (mm)

Pneufit Union Tee



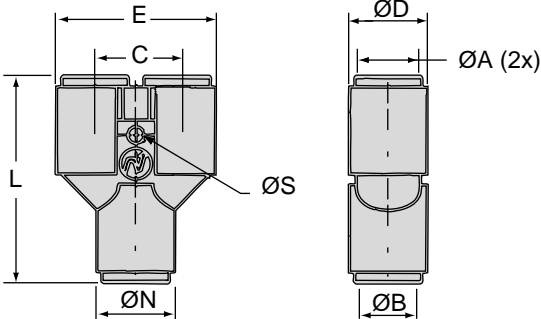
A Tube O.D.	Part Number	C	D A/F	E	F	L
1/8"	12 060 0100	0.26 (6.5)	0.20 (5.0)	0.63 (15.9)	0.32 (8.1)	1.26 (32.0)
5/32"	12 060 0200	0.30 (7.5)	0.28 (7.0)	0.67 (16.9)	0.40 (10.1)	1.34 (34.0)
3/16"	12 060 0300	0.38 (9.7)	0.28 (7.0)	0.72 (18.4)	0.44 (11.1)	1.44 (36.6)
1/4"	12 060 0400	0.42 (10.7)	0.31 (8.0)	0.77 (19.6)	0.48 (12.1)	1.54 (39.2)
5/16"	12 060 0500	0.50 (12.7)	0.43 (11.0)	0.84 (21.3)	0.56 (14.3)	1.68 (42.6)
3/8"	12 060 0600	0.59 (15.1)	0.52 (13.3)	1.05 (26.7)	0.67 (17.1)	2.10 (53.4)
1/2"	12 060 0700	0.71 (18.1)	0.63 (16.0)	1.25 (31.7)	0.81 (20.6)	2.50 (63.4)

Pneufit C Union Tee



O.D. Tube	Part Number	A	B	C	E
1/8"	C20600100	.72 (18.0)	.43 (10.7)	.26 (6.5)	.94 (23.5)
5/32"	C20600200	.72 (18.0)	.43 (10.7)	.26 (6.5)	.94 (23.5)
1/4"	C20600400	.84 (21.0)	.52 (12.9)	.31 (7.7)	1.10 (27.5)
5/16"	C20600500	1.00 (25.0)	.58 (14.5)	.29 (7.25)	1.30 (32.5)
3/8"	C20600600	1.10 (27.5)	.70 (17.4)	.33 (8.35)	1.46 (36.5)

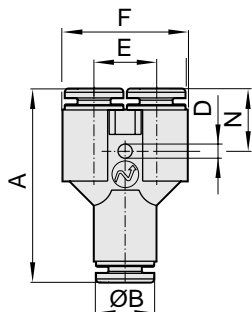
Pneufit Parallel Union "Y" Connector*



A Tube O.D.	B Tube O.D.	Part Number	C	ØD	E	L	ØN	ØS**
5/32"	5/32"	12 082 0200	0.43 (11.0)	0.30 (7.5)	0.87 (22.0)	1.34 (34.0)	0.43 (11.0)	0.13 (3.2)
5/32"	1/4"	12 082 0402	0.55 (14.0)	0.43 (11.0)	1.06 (27.0)	1.50 (38.2)	0.51 (13.0)	0.13 (3.2)
1/4"	1/4"	12 082 0400	0.55 (14.0)	0.43 (11.0)	1.06 (27.0)	1.51 (38.4)	0.51 (13.0)	0.13 (3.2)
5/16"	5/16"	12 082 0500	0.63 (16.0)	0.51 (13.0)	1.22 (31.0)	1.59 (40.4)	0.59 (15.0)	0.13 (3.2)

*Body Material: Thermoplastic
** Mounting hole

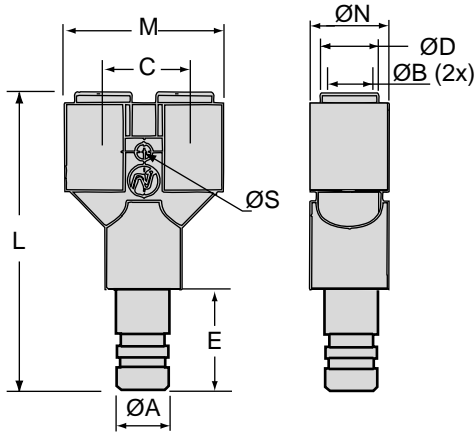
Pneufit C Parallel Union "Y" Connector*



O.D. Tube	O.D. Tube	O.D. Tube	Part Number	A	B	D	E	F	N
5/32"	5/32"	5/32"	C20820200	1.64 (41.0)	.44 (11.0)	.13 (3.2)	.44 (11.0)	.88 (22.0)	.52 (13.0)
1/4"	1/4"	1/4"	C20820400	1.75 (43.8)	.56 (14.0)	.13 (3.2)	.56 (14.0)	1.12 (28.0)	.57 (14.25)
5/16"	5/16"	5/16"	C20820500	1.87 (46.7)	.60 (15.0)	.13 (3.2)	.64 (16.0)	1.24 (31.0)	.60 (14.90)
1/4"	5/32"	5/32"	C20820604	1.77 (44.3)	.56 (14.0)	.13 (3.2)	.56 (14.0)	1.12 (28.0)	.58 (14.50)



Pneufit Parallel Male "Y" Connector*

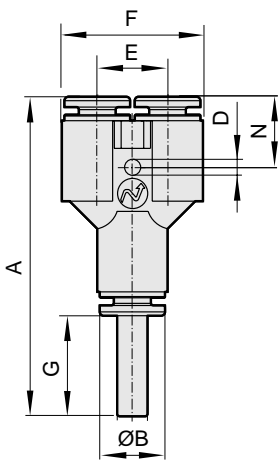


A Stem O.D.	B Tube O.D.	Part Number	C	ØD	E	L	M	ØN	ØS**
5/32"	5/32"	12 084 0202	0.43 (11.0)	0.30 (7.5)	0.71 (18.0)	2.05 (52.0)	0.89 (22.5)	0.45 (11.5)	0.13 (3.2)
1/4"	5/32"	12 084 0402	0.43 (11.0)	0.30 (7.5)	0.73 (18.5)	2.23 (56.7)	0.89 (22.5)	0.45 (11.5)	0.13 (3.2)
1/4"	1/4"	12 084 0404	0.55 (14.0)	0.43 (11.0)	0.73 (18.5)	2.23 (56.7)	1.10 (28.0)	0.55 (14.0)	0.13 (3.2)
5/16"	5/16"	12 084 0505	0.63 (16.0)	0.51 (13.0)	0.77 (19.5)	2.36 (59.9)	1.26 (32.0)	0.63 (16.0)	0.13 (3.2)

*Body Material: Thermoplastic

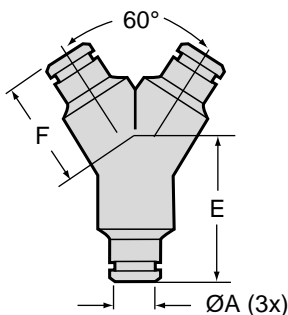
** Mounting hole

Pneufit C Parallel Male "Y" Connector*



O.D. Tube	O.D. Stem	Part Number	A	B	D	E	F	G	N
5/32"	5/32"	C20840202	2.32 (58.0)	.46 (11.5)	.12 (2.95)	.44 (11.0)	.16 (4.0)	.52 (13.0)	.68 (17.0)
5/32"	1/4"	C20840402	2.40 (60.0)	.46 (11.5)	.12 (2.95)	.44 (11.0)	.25 (6.25)	.52 (13.0)	.76 (19.0)
1/4"	1/4"	C20840404	2.52 (63.0)	.46 (14.0)	.13 (3.2)	.56 (14.0)	.25 (6.25)	.57 (14.25)	.77 (19.2)
5/16"	5/16"	C20840505	2.72 (68.0)	.64 (16.0)	.13 (3.2)	.64 (16.0)	.32 (8.0)	.60 (14.90)	.85 (21.3)

Union Y Connector*



A Tube O.D.	Part Number	E	F
5/32"	12 080 0200	0.63 (15.9)	0.74 (18.9)

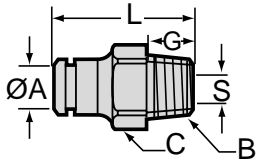
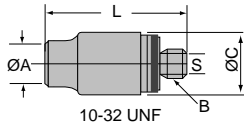
*Body Material: Nickel plated Brass



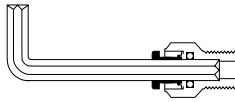
Inch Series Push-In Fittings

Dimensions in Inches (mm)

Pneufit Male Connector



All straight male connectors have an internal hex for the use of an Allen Wrench to allow the fitting to be mounted in any position. This also permits close porting not possible with a standard open end or socket wrench.



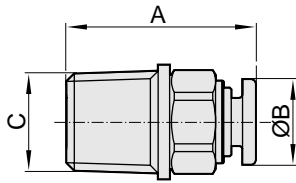
A Tube O.D.	B NPT or UNF Thread	Part Number	C A/F	G	L	S Hex
1/8"	10-32 UNF	12 425 0110	0.35 (9)	0.20 (5.0)	0.79 (20.0)	3/32"
	1/16	12 425 0116	3/8"	0.37 (9.5)	0.80 (20.4)	3/32"
	1/8	12 425 0118	7/16"	0.37 (9.5)	0.67 (16.9)	3/32"
	1/4	12 425 0128	9/16"	0.56 (14.3)	0.95 (24.2)	3/32"
5/32"	10-32 UNF	12 425 0210	0.35 (9)	0.20 (5.0)	0.85 (21.5)	3/32"
	1/8	12 425 0218	7/16"	0.37 (9.5)	0.89 (22.7)	1/8"
	1/4	12 425 0228	9/16"	0.56 (14.3)	1.04 (26.5)	1/8"
3/16"	1/8	12 425 0318	7/16"	0.37 (9.5)	0.96 (24.5)	5/32"
	1/4	12 425 0328	9/16"	0.56 (14.3)	1.04 (26.3)	5/32"
1/4"	10-32 UNF	12 425 0410	0.43 (11.0)	0.20 (5.0)	0.94 (24.0)	3/32"
	1/8	12 425 0418	7/16"	0.37 (9.5)	0.98 (25.0)	5/32"
	1/4	12 425 0428	9/16"	0.56 (14.3)	1.11 (28.3)	5/32"
	3/8	12 425 0438	11/16"	0.56 (14.3)	1.07 (27.2)	3/16"
5/16"	1/8	12 425 0518	1/2"	0.37 (9.5)	1.12 (28.5)	3/16"
	1/4	12 425 0528	9/16"	0.56 (14.3)	1.23 (31.3)	1/4"
	3/8	12 425 0538	11/16"	0.56 (14.3)	1.13 (28.8)	1/4"
3/8"	1/8	12 425 0618	11/16"	0.37 (9.5)	1.32 (33.5)	3/16"
	1/4	12 425 0628	11/16"	0.56 (14.3)	1.47 (37.3)	1/4"
	3/8	12 425 0638	11/16"	0.56 (14.3)	1.41 (35.8)	5/16"
	1/2	12 425 0648	7/8"	0.75 (19.1)	1.45 (36.8)	5/16"
1/2"	1/4	12 425 0728	7/8"	0.56 (14.3)	1.67 (42.3)	1/4"
	3/8	12 425 0738	7/8"	0.56 (14.3)	1.63 (41.3)	3/8"
	1/2	12 425 0748	7/8"	0.75 (19.1)	1.70 (43.3)	3/8"

Inch Series Push-In Fittings

Dimensions in Inches (mm)

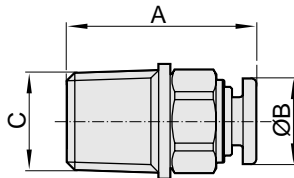


Pneufit C Male Connector



O.D. Tube	NPT Thread	Part Number	A	B	C
1/8"	1/16"	C24250116	.87 (21.7)	.43 (10.7)	1/16"
1/8"	1/8"	C24250118	.81 (20.2)	.43 (10.7)	1/8"
1/8"	1/4"	C24250128	1.03 (25.7)	.43 (10.7)	1/4"
5/32"	1/8"	C24250218	.85 (21.2)	.43 (10.7)	1/8"
5/32"	1/4"	C24250228	1.03 (25.7)	.43 (10.7)	1/4"
1/4"	1/8"	C24250418	1.04 (26.1)	.52 (12.9)	1/8"
1/4"	1/4"	C24250428	1.10 (27.6)	.52 (12.9)	1/4"
1/4"	3/8"	C24250438	1.10 (27.6)	.52 (12.9)	3/8"
5/16"	1/8"	C24250518	1.18 (29.5)	.58 (14.5)	1/8"
5/16"	1/4"	C24250528	1.18 (29.5)	.58 (14.5)	1/4"
5/16"	3/8"	C24250538	1.10 (27.5)	.58 (14.5)	3/8"
3/8"	1/8"	C24250618	1.24 (31.1)	.70 (17.6)	1/8"
3/8"	1/4"	C24250628	1.38 (34.6)	.70 (17.6)	1/4"
3/8"	3/8"	C24250638	1.20 (30.1)	.70 (17.6)	3/8"
3/8"	1/2"	C24250648	1.42 (35.6)	.70 (17.6)	1/2"

Pneufit C Male Connector



O.D. Tube	NPT Thread	Part Number	A	B	C
1/8"	10-32	C24250110	.85 (21.2)	.43 (10.7)	.42 (10.6)
5/32"	10-32	C24250210	.85 (21.2)	.43 (10.7)	.42 (10.6)
1/4"	10-32	C24250410	.96 (24.1)	.52 (12.9)	.50 (12.6)

NOTE: ISO G straights to be added 3rd quarter of 2001

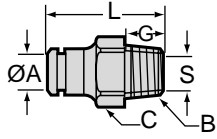
Description	Part Number
Straight Adaptor 1/4 O.D. Tube x M5	122250405
Straight Adaptor 1/4 O.D. Tube x 1/8 ISO G	122250418
Straight Adaptor 1/4 O.D. Tube x 1/4 ISO G	122250428
Straight Adaptor 3/8 O.D. Tube x 1/4 ISO G	122250628
Straight Adaptor 3/8 O.D. Tube x 3/8 ISO G	122250638
Straight Adaptor 1/2 O.D. Tube x 3/8 ISO G	122250738
Straight Adaptor 1/2 O.D. Tube x 1/2 ISO G	122250748
Swivel Elbow 1/4 O.D. Tube x M5	122470405
Swivel Elbow 1/4 O.D. Tube x 1/8 ISO G	122470418
Swivel Elbow 1/4 O.D. Tube x 1/4 ISO G	122470428
Swivel Elbow 3/8 O.D. Tube x 1/4 ISO G	122470628
Swivel Elbow 3/8 O.D. Tube x 3/8 ISO G	122470638
Swivel Elbow 1/2 O.D. Tube x 3/8 ISO G	122470738
Swivel Elbow 1/2 O.D. Tube x 1/2 ISO G	122470748



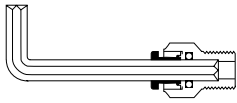
Inch Series Push-In Fittings

Dimensions in Inches (mm)

Pneufit Male Connector - Conversion (MM O.D. Tube to NPTF [Male] Thread)



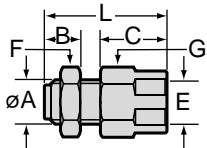
All straight male connectors have an internal hex for the use of an Allen Wrench to allow the fitting to be mounted in any position. This also permits close porting not possible with a standard or open end socket wrench.



NOTE: For 4 mm tube use 5/32" fittings and for 8 mm tube use 5/16" fittings

A Tube O.D.	B NPT Thread	Part Number	C A/F	G	L	S Hex
4	10-32	12 425 0210	.35 (9.0)	.20 (5.0)	.85 (21.5)	3/32"
	1/8	12 425 0218	7/16" (11.1)	.37 (9.5)	.89 (22.7)	1/8"
	1/4	12 425 0228	9/16" (14.3)	.56 (14.3)	1.04 (26.5)	1/8"
5	1/8	10 425 0518	7/16" (11.1)	0.37 (9.5)	0.96 (24.5)	5/32"
	1/4	10 425 0528	9/16" (14.3)	0.56 (14.3)	1.04 (26.3)	5/32"
6	10-32	10 425 0610	0.43 (11.0)	0.20 (5.0)	0.94 (24.0)	3/32"
	1/8	10 425 0618	7/16" (11.1)	0.37 (9.5)	0.98 (25.0)	5/32"
	1/4	10 425 0628	9/16" (14.3)	0.56 (14.3)	1.11 (28.3)	5/32"
	3/8	10 425 0638	11/16" (17.5)	0.56 (14.3)	1.07 (27.2)	5/32"
8	1/8	12 425 0518	1/2" (12.7)	.37 (9.5)	1.12 (28.5)	3/16"
	1/4	12 425 0528	9/16" (14.3)	.56 (14.3)	1.23 (31.3)	1/4"
	3/8	12 425 0538	11/16" (17.5)	.56 (14.3)	1.13 (28.8)	1/4"
10	1/8	10 425 1018	11/16" (17.5)	0.37 (9.5)	1.32 (33.5)	3/16"
	1/4	10 425 1028	11/16" (17.5)	0.56 (14.3)	1.47 (37.3)	1/4"
	3/8	10 425 1038	11/16" (17.5)	0.56 (14.3)	1.41 (35.8)	5/16"
	1/2	10 425 1048	7/8" (22.2)	0.75 (19.0)	1.45 (36.8)	5/16"
12	1/4	10 425 1228	7/8" (22.2)	0.56 (14.3)	1.67 (42.3)	9/32"
	3/8	10 425 1238	7/8" (22.2)	0.56 (14.3)	1.63 (41.3)	13/32"
	1/2	10 425 1248	7/8" (22.2)	0.75 (19.0)	1.70 (43.3)	13/32"

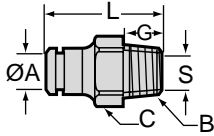
Pneufit Female Bulkhead Connector



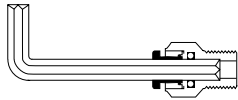
A Tube O.D.	E NPT Female	Part Number	L	B	C	D Metric Thread	F A/F	G A/F	Panel Hole Ø
1/4"	1/4	12 432 0428	1.50 (38.2)	0.24 (6.0)	0.83 (21.0)	M14 x15	0.75 (19)	0.75 (19)	0.57 (14.6) 0.56 (14.2)
3/8"	1/4	12 432 0628	1.56 (39.7)	0.43 (11.0)	0.65 (16.5)	M20 x15	1.06 (27)	0.94 (24)	0.81 (20.6) 0.80 (20.2)



Pneufit Male Connector - Conversion (Inch O.D. Tube to ISO R [Male] Thread)

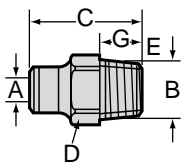


All straight male connectors have an internal hex for the use of an Allen Wrench to allow the fitting to be mounted in any position. This also permits close porting not possible with a standard or open end socket wrench.



A Tube O.D.	B ISO R Thread	Part Number	C A/F	G	L	S Hex
1/8"	1/8	12 125 0118	0.39 (10.0)	0.30 (7.7)	0.79 (20.0)	— (2.5)
	1/4	12 125 0128	0.55 (14.0)	0.44 (11.1)	0.89 (22.5)	— (2.5)
5/32"	1/8	10 125 0418	0.39 (10.0)	0.30 (7.7)	0.81 (20.5)	— (3.0)
	1/4	10 125 0428	0.55 (14.0)	0.44 (11.1)	0.91 (23.0)	— (3.0)
1/4"	1/8	12 125 0418	0.43 (11)	0.30 (7.7)	0.91 (23.2)	— (4.0)
	1/4	12 125 0428	0.55 (14)	0.44 (11.1)	0.99 (25.2)	— (4.0)
	3/8	12 125 0438	0.67 (17)	0.50 (12.7)	1.01 (25.7)	— (4.0)
5/16"	1/8	10 125 0818	0.51 (13.0)	0.30 (7.7)	1.05 (26.7)	— (5.0)
	1/4	10 125 0828	0.55 (17.0)	0.44 (12.7)	1.11 (27.2)	— (6.0)
	3/8	10 125 0838	0.67 (17.0)	0.50 (12.7)	1.07 (27.2)	— (6.0)
3/8"	1/8	12 125 0618	0.67 (17.0)	0.30 (7.7)	1.25 (31.7)	— (5.0)
	1/4	12 125 0628	0.67 (17.0)	0.44 (11.1)	1.35 (34.2)	— (7.0)
	3/8	12 125 0638	0.67 (17.0)	0.50 (12.7)	1.35 (34.2)	— (8.0)
	1/2	12 125 0648	0.87 (22.0)	0.63 (15.9)	1.33 (33.7)	— (8.0)
1/2"	1/4	12 125 0728	0.87 (22.0)	0.44 (11.1)	1.54 (39.2)	— (7.0)
	3/8	12 125 0738	0.87 (22.0)	0.50 (12.7)	1.56 (39.7)	— (10.0)
	1/2	12 125 0748	0.87 (22.0)	0.63 (15.9)	1.58 (40.2)	— (10.0)

Pneufit Self Sealing (Checked) Connector (Inch tube to NPT)



A Tube O.D.	B NPT Thread	Part Number	C	D A/F	G
5/32"	1/8	12 424 0218	1.00 (25.5)	0.43 (11)	0.37 (9.5)
1/4"	1/8	12 424 0418	1.09 (27.6)	0.43 (11)	0.37 (9.5)
1/4"	1/4	12 424 0428	1.09 (27.6)	0.55 (14)	0.56 (14.3)
5/16"	1/4	12 424 0528	1.29 (32.7)	0.55 (14)	0.56 (14.3)

Operation: Insertion of a tube into the push-in end ("A") of the fitting compresses a spring, and unseats the plunger and seal assembly. In this state (tube inserted), flow is allowed through the fitting.

Removal of the tubing from the fitting allows the spring to extend, seating the plunger seal. When pressure is applied to the system, the plunger assembly seals off the push-in end of the fitting, allowing the system to remain pressurized.

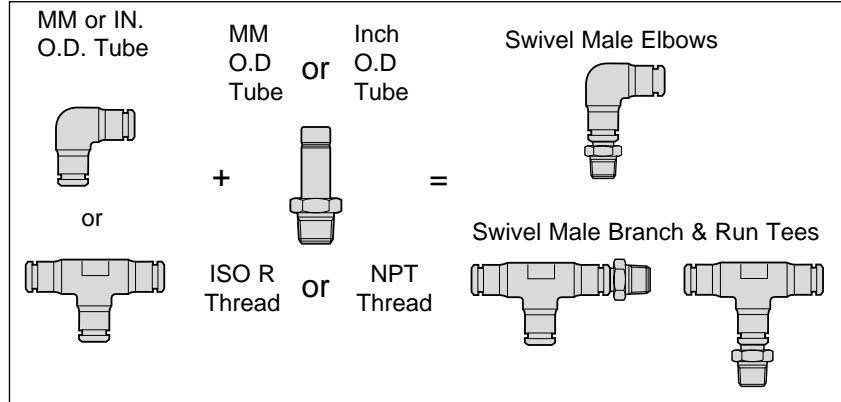
Note: Remember to depressurize the system before inserting or removing tubing from this or any other Pneufit.



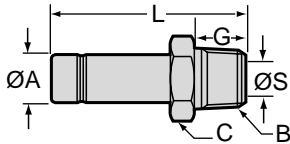
Inch Series Push-In Fittings

Dimensions in Inches (mm)

Straight stem adapters allow use of Standard Inch (12-Series) and Standard Metric (10-Series) Pneufit Push-in tube unions to create nearly any configuration of Swivel Adapter tube fitting. Various combinations of these products in conjunction with the conversion fitting straight stem adapters are shown at right, creating an entire spectrum of inch O.D. tube to ISO R and MM O.D. tube to NPTF (male) swivel male elbows, swivel male branch and run tees.



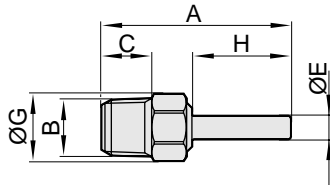
Pneufit Stem Adapter



CAUTION: Straight Stem Adapters should not be used in conjunction with other union type fittings in applications where vibration is present, nor should they be used as “quick disconnects” as the mating nickel plated brass surfaces may wear over time causing eventual failure of the connection.

A Tube O.D.	B NPT Thread	Part Number	C A/F	G	L	S Hex
5/32"	10-32 UNF	12 415 0210	5/16"	0.20 (5.0)	1.14 (29.0)	0.08 (2.0)
	1/8	12 415 0218	7/16"	0.37 (9.5)	1.25 (31.8)	0.08 (2.0)
	1/4	12 415 0228	9/16"	0.56 (14.3)	1.45 (36.8)	0.08 (2.0)
1/4"	1/8	12 415 0418	7/16"	0.37 (9.5)	1.33 (33.8)	0.16 (4.0)
	1/4	12 415 0428	9/16"	0.56 (14.3)	1.11 (38.6)	5/32" (4.0)
5/16"	1/8	12 415 0518	7/16"	0.37 (9.5)	1.37 (34.8)	0.19 (5.0)
	1/4	12 415 0528	9/16"	0.56 (14.3)	1.56 (39.6)	0.19 (5.0)
3/8"	1/4	12 415 0628	9/16"	0.56 (14.3)	1.82 (46.2)	0.30 (7.6)
	3/8	12 415 0638	11/16"	0.56 (14.3)	1.82 (46.2)	0.30 (7.6)
1/2"	3/8	12 415 0738	11/16"	0.56 (14.3)	1.95 (49.5)	0.35 (9.0)
	1/2	12 415 0748	7/8"	0.75 (19.0)	2.15 (54.6)	0.35 (9.0)

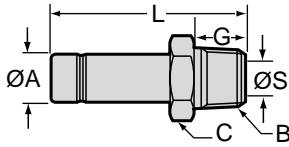
Pneufit C Stem Adapter



NPT Stem Thread		Part Number	A	B	C	E	G	H
5/32"	10-32	C24150210	1.22 (30.5)	10-32	.17 (4.3)	.16 (4.0)	.44 (11.0)	.68 (17.0)
5/32"	1/8	C24150218	1.32 (33.0)	1/8"	.38 (9.5)	.16 (4.0)	.49 (12.3)	.68 (17.0)
5/32"	1/4"	C24150228	1.56 (39.0)	1/4"	.57 (14.25)	.16 (4.0)	.63 (15.75)	.68 (17.0)
1/4"	1/8"	C24150418	1.42 (35.5)	1/8"	.38 (9.5)	.25 (6.25)	.49 (12.3)	.76 (19.0)
1/4"	1/4"	C24150428	1.64 (41.0)	1/4"	.57 (14.25)	.25 (6.25)	.63 (15.75)	.76 (19.0)
5/16"	1/4"	C24150528	1.68 (42.0)	1/4"	.57 (14.25)	.32 (8.0)	.63 (15.75)	.86 (20.0)
3/8"	1/4"	C24150628	1.84 (46.0)	1/4"	.57 (14.25)	.40 (10.0)	.63 (15.75)	.96 (24.0)
3/8"	3/8"	C24150638	1.88 (47.0)	3/8"	.57 (14.25)	.40 (10.0)	.74 (18.5)	.96 (24.0)
1/2"	3/8"	C24150738	2.04 (51.0)	3/8"	.57 (14.25)	.51 (12.65)	.84 (21.0)	1.10 (27.5)
1/2"	1/2"	C24150748	2.30 (57.5)	1/2"	.76 (19.05)	.51 (12.65)	.97 (24.35)	1.10 (27.5)



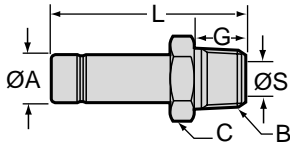
Pneufit Stem Adapter (MM O.D. Stem to NPT [Male] Thread)



CAUTION: Straight Stem Adapters should not be used in conjunction with other union type fittings in applications where vibration is present, nor should they be used as "quick disconnects" as the mating nickel plated brass surfaces may wear over time causing eventual failure of the connection.

A Stem O.D.	B NPT Thread	Part Number	C A/F	G	L	S
4	1/8	12 415 0218	(11.1) 7/16"	9.5 (.37)	31.8 (1.25)	2.1 (.08)
	1/4	12 415 0228	(14.3) 9/16"	14.3 (.56)	36.7 (1.44)	2.1 (.08)
5	1/8	10 415 0518	(11.1) 7/16"	9.5 (.37)	33.3 (1.31)	3.2 (.13)
	1/4	10 415 0528	(14.3) 9/16"	14.3 (.56)	38.2 (1.50)	3.2 (.13)
6	1/8	10 415 0618	(11.1) 7/16"	9.5 (.37)	33.7 (1.33)	4.0 (.16)
	1/4	10 415 0628	(14.3) 9/16"	14.3 (.56)	38.6 (1.52)	4.0 (.16)
8	1/8	12 415 0518	(11.1) 7/16"	9.5 (.37)	34.8 (1.37)	5.1 (.20)
	1/4	12 415 0528	(14.3) 9/16"	14.3 (.56)	39.6 (1.56)	5.1 (.20)
10	1/4	10 415 1028	(14.3) 9/16"	14.3 (.56)	44.1 (1.74)	7.7 (.30)
	3/8	10 415 1038	(17.5) 11/16"	14.3 (.56)	46.1 (1.81)	7.7 (.30)
12	3/8	10 415 1238	(17.5) 11/16"	14.3 (.56)	49.6 (1.95)	9.1 (.36)
	1/2	10 415 1248	(22.2) 7/8"	19.0 (.75)	54.6 (2.15)	9.1 (.36)

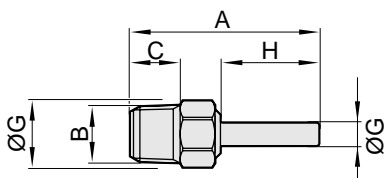
Pneufit Stem Adapter (Inch O.D. Stem to ISO R Thread)



CAUTION: Straight Stem Adapters should not be used in conjunction with other union type fittings in applications where vibration is present, nor should they be used as "quick disconnects" as the mating nickel plated brass surfaces may wear over time causing eventual failure of the connection.

A Stem O.D.	B ISO R Thread	Part Number	C A/F	G	L	S
5/32	1/8	10 115 0418	10 (.39)	7.7 (.30)	30.0 (1.18)	2.1 (.08)
	1/4	10 115 0428	14 (.55)	11.1 (.44)	33.5 (1.32)	2.1 (.08)
1/4	1/8	12 115 0418	12 (.47)	7.7 (.30)	32.0 (1.26)	4.0 (.16)
	1/4	12 115 0428	14 (.55)	11.1 (.44)	35.5 (1.40)	4.0 (.16)
5/16	1/8	10 115 0818	14 (.55)	7.7 (.30)	33.0 (1.30)	5.1 (.20)
	1/4	10 115 0828	14 (.55)	11.1 (.44)	36.5 (1.44)	5.1 (.20)
3/8	1/4	12 115 0628	15 (.59)	11.1 (.44)	40.0 (1.57)	7.7 (.30)
	3/8	12 115 0638	19 (.75)	12.7 (.50)	45.0 (1.77)	7.7 (.30)
1/2	3/8	12 115 0738	19 (.75)	12.7 (.50)	48.0 (1.89)	10.0 (.39)
	1/2	12 115 0748	22 (.87)	15.9 (.63)	51.5 (2.03)	10.0 (.39)

Pneufit C Stem Adapter (Inch O.D. Stem to ISO R Thread)



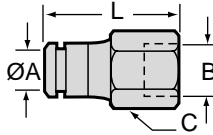
Stem	NPT Thread	Part Number	A	B	C	E	G	H
1/4"	1/8"	C21150418	1.38 (34.5)	1/8"	.34 (8.6)	.25 (6.3)	.44 (11.0)	.76 (19.0)
1/4"	1/4"	C21150428	1.48 (37.0)	1/4"	.44 (11.1)	.25 (6.3)	.40 (15.0)	.76 (19.0)
1/2"	3/8"	C21150738	2.0 (50.0)	3/8"	.51 (12.7)	.51 (12.65)	.80 (20.0)	1.10 (27.5)
1/2"	1/2"	C21150748	2.10 (52.5)	1/2"	.64 (15.9)	.51 (12.65)	.92 (23.0)	1.10 (27.5)



Inch Series Push-In Fittings

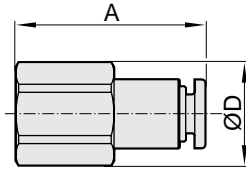
Dimensions in Inches (mm)

Pneufit Female Connector



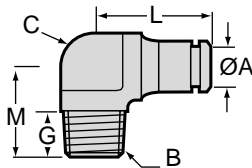
A Tube O.D.	B NPT Thread	Part Number	C A/F	L
1/8"	1/8	12 426 0118	9/16"	1.14 (29.0)
	1/4	12 426 0128	11/16"	1.38 (35.1)
5/32"	1/8	12 426 0218	9/16"	1.14 (29.0)
	1/4	12 426 0228	11/16"	1.42 (36.1)
1/4"	1/8	12 426 0418	9/16"	1.19 (30.2)
	1/4	12 426 0428	11/16"	1.46 (37.1)
5/16"	1/8	12 426 0518	9/16"	1.23 (31.2)
	1/4	12 426 0528	11/16"	1.50 (38.1)
3/8"	1/4	12 426 0628	11/16"	1.66 (42.2)
	3/8	12 426 0638	7/8"	1.70 (43.2)

Pneufit C Female Connector



O.D. Tube	NPT Thread	Part Number	A	D
1/8"	1/8"	C24260118	1.13 (28.2)	.63 (15.8)
1/8"	1/4"	C24260128	1.41 (35.2)	.68 (17.0)
5/32"	1/8"	C24260218	1.13 (28.2)	.63 (15.8)
5/32"	1/4"	C24260228	1.41 (35.2)	.68 (17.0)
1/4"	1/8"	C24260418	1.26 (31.6)	.63 (15.8)
1/4"	1/4"	C24260428	1.52 (38.1)	.68 (17.0)
5/16"	1/8"	C24260518	1.32 (33.0)	.68 (17.0)
5/16"	1/4"	C24260528	1.62 (40.5)	.68 (17.0)
3/8"	1/4"	C24260628	1.64 (41.1)	.84 (21.0)
3/8"	3/8"	C24260638	1.68 (42.1)	.96 (24.0)

Pneufit Male Elbow



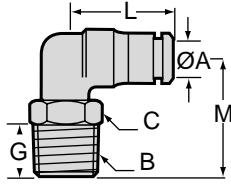
A Tube O.D.	B NPT Thread	Part Number	C A/F	G	L	M
1/8"	1/8	12 445 0118	0.28 (7.0)	0.37 (9.5)	0.67 (17.0)	0.66 (16.8)
5/32"	1/8	12 445 0218	0.28 (7.0)	0.37 (9.5)	0.67 (17.0)	0.66 (16.8)
	1/4	12 445 0228	0.43 (11.0)	0.56 (14.3)	0.72 (18.3)	0.92 (23.4)
3/16"	1/8	12 445 0318	0.28 (7.0)	0.37 (9.5)	0.72 (18.3)	0.67 (17.0)
	1/4	12 445 0328	0.43 (11.0)	0.56 (14.3)	0.79 (20.1)	0.92 (23.4)
1/4"	1/8	12 445 0418	0.31 (8.0)	0.37 (9.5)	0.77 (19.6)	0.70 (17.8)
	1/4	12 445 0428	0.43 (11.0)	0.56 (14.3)	0.79 (20.1)	0.92 (23.4)
	3/8	12 445 0438	0.63 (16.0)	0.56 (14.3)	0.84 (21.3)	1.1 (27.9)
5/16"	1/8	12 445 0518	0.43 (11.0)	0.37 (9.5)	0.84 (21.3)	0.74 (18.8)
	1/4	12 445 0528	0.43 (11.0)	0.56 (14.3)	0.84 (21.3)	0.92 (23.4)
3/8"	1/8	12 445 0618	0.52 (13.3)	0.37 (9.5)	1.05 (26.7)	0.8 (20.3)
	1/4	12 445 0628	0.52 (13.3)	0.56 (14.3)	1.05 (26.7)	0.98 (24.9)
	3/8	12 445 0638	0.63 (16.0)	0.56 (14.3)	1.05 (26.7)	1.1 (27.9)
	1/2	12 445 0648	0.94 (24.0)	0.75 (19.1)	1.13 (28.7)	1.36 (34.5)
1/2"	1/4	12 445 0728	0.63 (16.0)	0.56 (14.3)	1.25 (31.8)	1.03 (26.2)
	3/8	12 445 0738	0.63 (16.0)	0.56 (14.3)	1.25 (31.8)	1.1 (27.9)
	1/2	12 445 0748	0.94 (24.0)	0.75 (19.1)	1.25 (31.8)	1.36 (34.5)

Inch Series Push-In Fittings

Dimensions in Inches (mm)



Pneufit Swivel Male Elbow



CAUTION: Swivel adapters are not suitable for use in continuously rotating or gyrating applications.

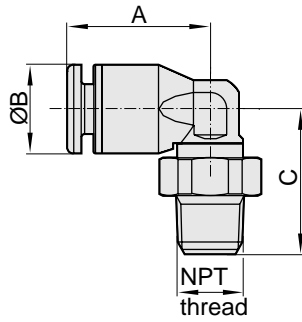
A Tube O.D.	B NPT or UNF Thrd	Part Number	C A/F	G	L	M
1/8"	10-32 UNF	12 447 0110	5/16"	0.20 (5.0)	0.63 (16.0)	0.70 (17.0)
	1/8	12 447 0118	7/16"	0.37 (9.5)	0.63 (16.0)	0.82 (20.8)
	1/4	12 447 0128	9/16"	0.37 (9.5)	0.68 (17.3)	1.07 (27.2)
5/32"	10-32 UNF	12 447 0210	5/16"	0.20 (5.0)	0.67 (17.0)	0.70 (17.0)
	1/8	12 447 0218	7/16"	0.37 (9.5)	0.67 (17.0)	0.86 (21.8)
	1/4	12 447 0228	9/16"	0.56 (14.3)	0.67 (17.0)	1.07 (27.2)
3/16"	1/8	12 447 0318	7/16"	0.37 (9.5)	0.72 (18.3)	0.88 (22.4)
	1/4	12 447 0328	9/16"	0.56 (14.3)	0.72 (18.3)	1.09 (27.7)
1/4"	10-32 UNF	12 447 0410	5/16"	0.20 (5.0)	0.77 (19.6)	0.71 (18.0)
	1/8	12 447 0418	7/16"	0.37 (9.5)	0.77 (19.6)	0.9 (22.9)
	1/4	12 447 0428	9/16"	0.56 (14.3)	0.77 (19.6)	1.11 (28.2)
	3/8	12 447 0438	3/4"	0.56 (14.3)	0.8 (20.3)	1.15 (29.2)
5/16"	1/8	12 447 0518	9/16"	0.37 (9.5)	0.84 (21.3)	0.96 (24.4)
	1/4	12 447 0528	9/16"	0.56 (14.3)	0.84 (21.3)	1.15 (29.2)
3/8"	1/8	12 447 0618	9/16"	0.37 (9.5)	1.05 (26.7)	1.05 (26.7)
	1/4	12 447 0628	11/16"	0.56 (14.3)	1.05 (26.7)	1.26 (32.0)
	3/8	12 447 0638	3/4"	0.56 (14.3)	1.05 (26.7)	1.26 (32.0)
	1/2	12 447 0648	7/8"	0.75 (19.0)	1.05 (26.7)	1.48 (37.6)
1/2"	1/4	12 447 0728	3/4"	0.56 (14.3)	1.25 (31.8)	1.37 (34.8)
	3/8	12 447 0738	3/4"	0.56 (14.3)	1.25 (31.8)	1.41 (35.8)
	1/2	12 447 0748	7/8"	0.75 (19.0)	1.25 (31.8)	1.62 (41.1)



Inch Series Push-In Fittings

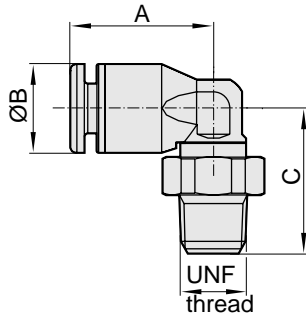
Dimensions in Inches (mm)

Pneufit C Swivel Male Elbow



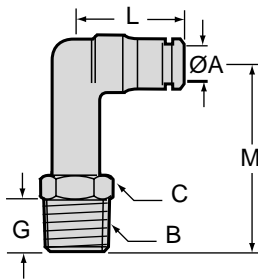
O.D. Tube	NPT Thread	Part Number	A	B	C
1/8"	1/8"	C24470118	.72 (18.0)	.43 (10.7)	.80 (20.0)
1/8"	1/4"	C24470128	.72 (18.0)	.43 (10.7)	1.04 (26.0)
5/32"	1/8"	C24470218	.72 (18.0)	.43 (10.7)	.80 (20.0)
5/32"	1/4"	C24470228	.72 (18.0)	.43 (10.7)	1.04 (26.0)
1/4"	1/8"	C24470418	.84 (21.0)	.52 (12.9)	.84 (21.0)
1/4"	1/4"	C24470428	.84 (21.0)	.52 (12.9)	1.06 (26.5)
1/4"	3/8"	C24470438	.84 (21.0)	.52 (12.9)	1.12 (28.0)
5/16"	1/8"	C24470518	.98 (24.5)	.58 (14.5)	1.29 (32.2)
5/16"	1/4"	C24470528	1.0 (25.0)	.58 (14.5)	1.08 (27.0)
3/8"	1/4"	C24470628	1.1 (27.5)	.70 (17.4)	1.66 (29.0)
3/8"	3/8"	C24470638	1.1 (27.5)	.70 (17.4)	1.24 (31.0)
3/8"	1/2"	C24470648	1.1 (27.5)	.70 (17.4)	1.46 (36.5)

Pneufit C Swivel Male Elbow



O.D. Tube	UNF Thread	Part Number	A	B	C
1/8"	10-32	C24470110	.72 (18.0)	.43 (10.7)	.70 (17.5)
5/32"	10-32	C24470210	.72 (18.0)	.43 (10.7)	.70 (17.5)
1/4"	10-32	C24470410	.84 (21.0)	.52 (12.9)	.74 (18.5)

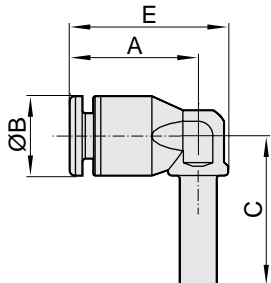
Pneufit Extended Swivel Male Elbow



CAUTION: Swivel adapters are not suitable for use in continuously rotating or gyrating applications.

A Tube O.D.	B NPT Thread	Part Number	C A/F	G	L	M
5/32"	1/8"	12 454 0218	7/16"	0.37 (9.5)	0.67 (16.9)	1.39 (35.3)
5/32"	1/4"	12 454 0228	7/16"	0.37 (9.5)	0.77 (19.6)	1.49 (37.9)
1/4"	1/8"	12 454 0418	9/16"	0.56 (14.3)	0.67 (16.9)	1.71 (43.5)
1/4"	1/4"	12 454 0428	9/16"	0.56 (14.3)	0.77 (19.6)	1.75 (44.5)
3/8"	1/4"	12 454 0628	11/16"	0.56 (14.3)	1.05 (26.7)	2.10 (53.4)
3/8"	3/8"	12 454 0638	3/4"	0.56 (14.3)	1.05 (26.7)	2.10 (53.4)

Pneufit C Extended Swivel Male Elbow



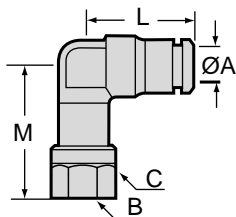
O.D. Tube	Stem	Part Number	A	B	C	E
1/4"	1/4"	C20430400	.63 (21.0)	.52 (12.9)	.98 (24.5)	1.04 (26.0)



NOTE: ISO G elbows to be added 3rd quarter of 2001

Description	Part Number
Straight Adaptor 1/4 O.D. Tube x M5	122250405
Straight Adaptor 1/4 O.D. Tube x 1/4 ISO G	122250428
Straight Adaptor 3/8 O.D. Tube x 1/4 ISO G	122250628
Straight Adaptor 3/8 O.D. Tube x 3/8 ISO G	122250638
Straight Adaptor 1/2 O.D. Tube x 3/8 ISO G	122250738
Straight Adaptor 1/2 O.D. Tube x 1/2 ISO G	122250748
Swivel Elbow 1/4 O.D. Tube x M5	122470405
Swivel Elbow 1/4 O.D. Tube x 1/8 ISO G	122470418
Swivel Elbow 1/4 O.D. Tube x 1/4 ISO G	122470428
Swivel Elbow 3/8 O.D. Tube x 1/4 ISO G	122470628
Swivel Elbow 3/8 O.D. Tube x 3/8 ISO G	122470638
Swivel Elbow 1/2 O.D. Tube x 3/8 ISO G	122470738
Swivel Elbow 1/2 O.D. Tube x 1/2 ISO G	122470748

Swivel Female Elbow



CAUTION: Swivel adapters are not suitable for use in continuously rotating or gyrating applications.

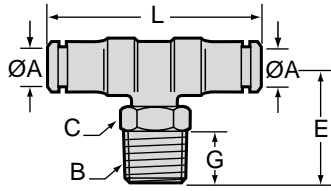
A Tube O.D.	B NPT Thread	Part Number	C A/F	L	M
1/8"	1/8	12 448 0118	9/16"	0.63 (15.9)	1.19 (30.1)
5/32"	1/8	12 448 0218	9/16"	0.67 (16.9)	1.19 (30.1)
5/32"	1/4	12 448 0228	11/16"	0.67 (16.9)	1.40 (35.6)
1/4"	1/8	12 448 0418	9/16"	0.77 (19.6)	1.22 (31.1)
1/4"	1/4	12 448 0428	11/16"	0.77 (19.6)	1.44 (36.6)
5/16"	1/4	12 448 0528	11/16"	0.84 (21.3)	1.48 (37.6)
3/8"	1/4	12 448 0628	11/16"	1.05 (26.7)	1.58 (40.1)
1/2"	3/8	12 448 0738	7/8"	1.25 (31.7)	1.82 (46.2)



Inch Series Push-In Fittings

All Dimensions in Inches (mm)

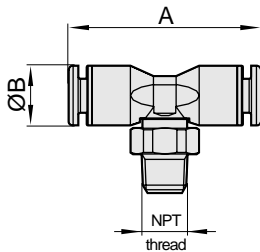
Pneufit Swivel Male Branch Tee



CAUTION: Swivel adapters are not suitable for use in continuously rotating or gyrating applications.

A Tube O.D.	B NPT or UNF Thrd	Part Number	C A/F	G	L	E
1/8"	10-32 UNF	12 467 0110	5/16"	0.20 (5.0)	1.25 (32.0)	0.73 (18.5)
	1/8	12 467 0118	7/16"	0.37 (9.5)	1.26 (32.0)	0.81 (20.7)
	1/4	12 467 0128	9/16"	0.56 (14.3)	1.34 (34.0)	1.07 (27.1)
5/32"	10-32 UNF	12 467 0210	5/16"	0.20 (5.0)	1.34 (34.0)	0.77 (19.5)
	1/8	12 467 0218	7/16"	0.37 (9.5)	1.33 (33.8)	0.86 (21.8)
	1/4	12 467 0228	9/16"	0.56 (14.3)	1.33 (33.8)	1.07 (27.1)
3/16"	1/8	12 467 0318	7/16"	0.37 (9.5)	1.45 (36.8)	0.88 (22.3)
	1/4	12 467 0328	9/16"	0.56 (14.3)	1.45 (36.8)	1.09 (27.6)
1/4"	1/8	12 467 0418	7/16"	0.37 (9.5)	1.54 (39.2)	0.90 (22.8)
	1/4	12 467 0428	9/16"	0.56 (14.3)	1.54 (39.2)	1.12 (28.1)
	3/8	12 467 0438	3/4"	0.56 (14.3)	1.57 (40.0)	1.20 (30.5)
5/16"	1/8	12 467 0518	9/16"	0.37 (9.5)	1.68 (42.6)	0.96 (24.3)
	1/4	12 467 0528	9/16"	0.56 (14.3)	1.68 (42.6)	1.15 (29.1)
3/8"	1/8	12 467 0618	9/16"	0.37 (9.5)	2.10 (53.4)	0.66 (16.7)
	1/4	12 467 0628	11/16"	0.56 (14.3)	2.10 (53.4)	1.26 (32.0)
	3/8	12 467 0638	3/4"	0.56 (14.3)	2.10 (53.4)	1.26 (32.0)
	1/2	12 467 0648	7/8"	0.75 (19.0)	2.10 (53.4)	1.48 (37.5)
1/2"	1/4	12 467 0728	3/4"	0.56 (14.3)	2.50 (63.4)	1.37 (34.8)
	3/8	12 467 0738	3/4"	0.56 (14.3)	2.50 (63.4)	1.41 (35.7)
	1/2	12 467 0748	7/8"	0.75 (19.0)	2.50 (63.4)	1.62 (41.2)

Pneufit C Swivel Male Branch Tee



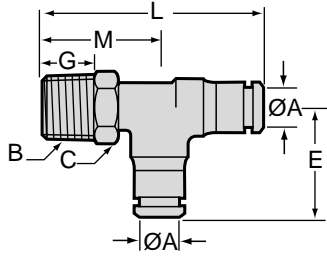
O.D. Tube	NPT Thread	Part Number	A	B
1/8"	1/8"	C24670118	1.44 (36.0)	.43 (10.7)
5/32"	1/8"	C24670218	1.44 (36.0)	.43 (10.7)
5/32"	1/4"	C24670228	1.44 (36.0)	.43 (10.7)
1/4"	1/8"	C24670418	1.68 (42.0)	.52 (12.9)
1/4"	1/4"	C24670428	1.68 (42.0)	.52 (12.9)
1/4"	3/8"	C24670438	1.68 (42.0)	.52 (12.9)
5/16"	1/4"	C24670528	2.0 (50.0)	.58 (14.5)
3/8"	1/8"	C24670618	2.2 (55.0)	.70 (17.4)
3/8"	1/4"	C24670628	2.2 (55.0)	.70 (17.4)
3/8"	3/8"	C24670638	2.2 (55.0)	.70 (17.4)

Inch Series Push-In Fittings

All Dimensions in Inches (mm)



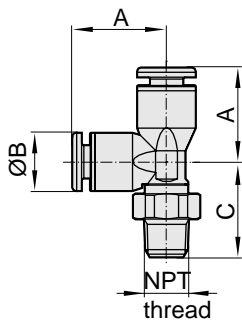
Pneufit Swivel Male Run Tee



CAUTION: Swivel adapters are not suitable for use in continuously rotating or gyrating applications.

A Tube O.D.	B NPT or UNF Thrd	Part Number	C				
			A/F	G	L	M	E
1/8"	10-32 UNF	12 468 0110	5/16"	0.63 (16.0)	1.36 (34.5)	0.63 (16.0)	1.36 (34.5)
	1/8	12 468 0118	7/16"	0.63 (9.5)	1.36 (34.5)	0.73 (18.5)	0.63 (16.0)
	1/4	12 468 0128	9/16"	0.67 (14.3)	1.44 (36.5)	0.77 (19.5)	0.67 (17.0)
5/32"	10-32 UNF	12 468 0210	5/16"	0.67 (17.0)	1.44 (36.5)	0.67 (17.0)	1.44 (36.6)
	1/8	12 468 0218	7/16"	0.67 (9.5)	1.52 (38.7)	0.86 (21.8)	0.67 (16.9)
	1/4	12 468 0228	9/16"	0.67 (16.9)	1.73 (44.0)	1.07 (27.1)	0.67 (16.9)
3/16"	1/8	12 468 0318	7/16"	0.72 (9.5)	1.60 (40.7)	0.88 (22.3)	0.72 (18.4)
	1/4	12 468 0328	9/16"	0.72 (14.3)	1.81 (46.0)	1.09 (27.6)	0.72 (18.4)
1/4"	1/8	12 468 0418	7/16"	0.77 (9.5)	1.67 (42.4)	0.90 (22.8)	0.77 (19.6)
	1/4	12 468 0428	9/16"	0.77 (14.3)	1.88 (47.7)	1.11 (28.1)	0.77 (19.6)
	3/8	12 468 0438	3/4"	0.79 (14.3)	1.59 (40.5)	0.81 (20.5)	0.79 (20.0)
5/16"	1/8	12 468 0518	9/16"	0.84 (9.5)	1.80 (45.6)	0.96 (24.3)	0.84 (21.3)
	1/4	12 468 0528	9/16"	0.84 (14.3)	1.98 (50.4)	1.15 (29.1)	0.84 (50.3)
3/8"	1/8	12 468 0618	9/16"	1.05 (9.5)	2.00 (50.7)	0.94 (24.0)	1.05 (26.7)
	1/4	12 468 0628	11/16"	1.05 (14.3)	2.31 (58.7)	1.26 (32.0)	1.05 (26.7)
	3/8	12 468 0638	3/4"	1.05 (14.3)	2.31 (58.7)	1.26 (32.0)	1.05 (26.7)
	1/2	12 468 0648	7/8"	1.05 (19.0)	2.53 (64.2)	1.48 (37.5)	1.05 (26.7)
1/2"	1/4	12 468 0728	3/4"	1.25 (14.3)	2.62 (66.5)	1.37 (34.8)	1.25 (31.7)
	3/8	12 468 0738	3/4"	1.25 (14.3)	2.65 (67.4)	1.41 (35.7)	1.25 (31.7)
	1/2	12 468 0748	7/8"	1.25 (19.0)	2.87 (72.9)	1.62 (41.2)	1.25 (31.7)

Pneufit C Swivel Male Run Tee



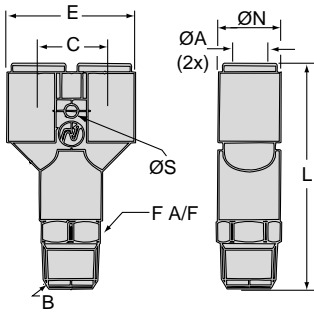
O.D. Tube	NPT Thread	Part Number	A	B	C
1/8"	1/8"	C24680118	.72 (18.0)	.43 (10.7)	.80 (20.0)
5/32"	1/8"	C24680218	.72 (18.0)	.43 (10.7)	.80 (20.0)
5/32"	1/4"	C24680228	.72 (18.0)	.43 (10.7)	1.04 (26.0)
1/4"	1/8"	C24680418	.84 (21.0)	.52 (12.9)	.84 (21.0)
1/4"	1/4"	C24680428	.84 (21.0)	.52 (12.9)	1.06 (26.5)
5/16"	1/4"	C24680528	1.00 (25.0)	.58 (14.5)	1.08 (27.0)
3/8"	1/4"	C24680628	1.10 (27.5)	.70 (17.4)	1.16 (29.0)
3/8"	3/8"	C24680638	1.10 (27.5)	.70 (17.4)	1.24 (31.0)



Inch Series Push-In Fittings

All Dimensions in Inches (mm)

Pneufit Parallel Male Y Swivel

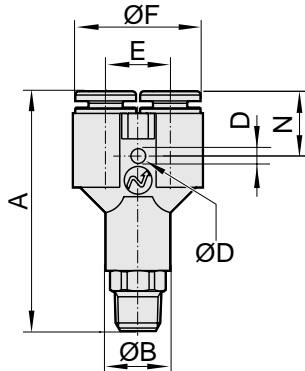


A Tube O.D.	B NPT Thread	Part Number	C	E	F A/F	L	ØN	ØS**
5/32"	1/8	12 488 0218	0.43 (11.0)	0.89 (22.5)	7/16"	1.72 (43.7)	0.45 (11.5)	0.13 (3.2)
5/32"	1/4	12 488 0228	0.63 (16.0)	0.89 (22.5)	9/16"	2.01 (51.1)	0.45 (11.5)	0.13 (3.2)
1/4"	1/8	12 488 0418	0.55 (14.0)	1.10 (28.0)	7/16"	1.90 (48.2)	0.55 (14.0)	0.13 (3.2)
1/4"	1/4	12 488 0428	0.55 (14.0)	1.10 (28.0)	9/16"	2.19 (55.5)	0.55 (14.0)	0.13 (3.2)
3/8"	1/4	12 488 0628	0.87 (22.0)	1.67 (42.5)	3/4"	2.70 (68.5)	0.79 (20.0)	0.17 (4.2)
3/8"	3/8	12 488 0638	0.87 (22.0)	1.67 (42.5)	3/4"	2.70 (68.5)	0.79 (20.0)	0.17 (4.2)
3/8"	1/2	12 488 0648	0.87 (22.0)	1.67 (42.5)	7/8"	2.88 (73.2)	0.79 (20.0)	0.17 (4.2)

Body Material: Thermoplastic

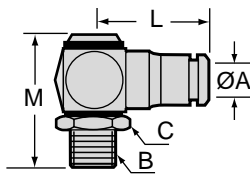
** Mounting hole

Pneufit C Parallel Male Y Swivel



O.D. Tube	NPT Thread	Part Number	A	B	D	E	F	N
5/32"	1/8"	C24880218	1.96 (49.0)	.44 (11.0)	.128 (3.2)	.44 (11.0)	.88 (22.0)	.52 (13.0)
5/32"	1/4"	C24880228	2.2 (55.0)	.44 (11.0)	.128 (3.2)	.44 (11.0)	.88 (22.0)	.52 (13.0)
1/4"	1/8"	C24880418	2.1 (52.5)	.56 (14.0)	.128 (3.2)	.56 (14.0)	1.12 (28.0)	.57 (14.25)
1/4"	1/4"	C24880428	2.32 (58.0)	.56 (14.0)	.128 (3.2)	.56 (14.0)	1.12 (28.0)	.57 (14.25)
3/8"	1/4"	C24880628	2.9 (72.5)	.80 (20.0)	.168 (4.2)	.82 (20.6)	1.68 (42.0)	.60 (14.90)
3/8"	3/8"	C24880638	2.9 (72.5)	.80 (20.0)	.168 (4.2)	.82 (20.6)	1.68 (42.0)	.60 (14.90)
3/8"	1/2"	C24880648	3.08 (77.0)	.80 (20.0)	.168 (4.2)	.82 (20.6)	1.68 (42.0)	.60 (14.90)

Pneufit Banjo Elbow



Note: Regulating Banjos are shown in Section 3 Function Fittings and Flow Controls

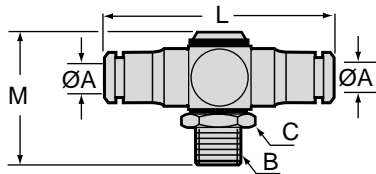
A Tube O.D.	B NPT or UNF Thread	Part Number	C A/F	M	L
1/8"	1/8	12 R51 0118	9/16"	1.22 (31.0)	0.80 (20.4)
5/32"	10-32 UNF	12 R51 0210	5/16"	0.87 (22.0)	0.74 (18.7)
	1/8	12 R51 0218	9/16"	1.22 (31.0)	0.81 (20.6)
1/4"	1/8	12 R51 0418	9/16"	1.22 (31.0)	0.93 (23.7)
	1/4	12 R51 0428	11/16"	1.50 (38.0)	0.95 (24.2)
	3/8	12 R51 0438	7/8"	1.74 (44.3)	1.03 (26.2)
3/8"	1/4	12 R51 0628	11/16"	1.50 (38.0)	1.19 (30.2)
	3/8	12 R51 0638	7/8"	1.74 (44.3)	1.23 (31.2)

Inch Series Push-In Fittings

All Dimensions in Inches (mm)

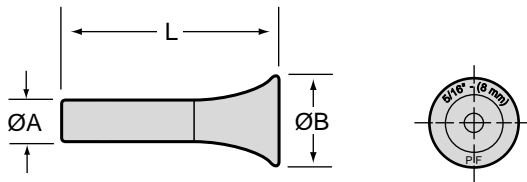


Pneufit Banjo Tee



A Tube O.D.	B NPT or UNF Thread	Part Number	C A/F	M	L
5/32"	10-32 UNF	12 R71 0210	5/16"	0.87 (22.0)	1.48 (37.6)
1/4"	1/8	12 R71 0418	9/16"	1.22 (31.0)	1.86 (47.0)
	1/4	12 R71 0428	11/16"	1.50 (38.0)	1.90 (48.3)
3/8"	1/4	12 R71 0628	11/16"	1.50 (38.0)	2.38 (60.4)
	3/8	12 R71 0638	7/8"	1.74 (44.3)	2.46 (62.4)

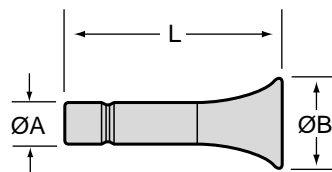
Pneufit Plug*



*Material: Thermoplastic

A Stem O.D.	Part Number	ØB	L
5/32"	11 004 0400	0.38 (9.6)	1.04 (26.5)
3/16"	13 004 0300	0.42 (11.6)	1.12 (28.5)
1/4"	94 050 904	0.46 (10.6)	1.10 (28.0)
5/16"	11 004 0800	0.50 (12.7)	1.16 (29.5)
3/8"	94 050 906	0.61 (15.6)	1.34 (34.0)
1/2"	94 050 907	0.65 (16.4)	1.48 (37.5)

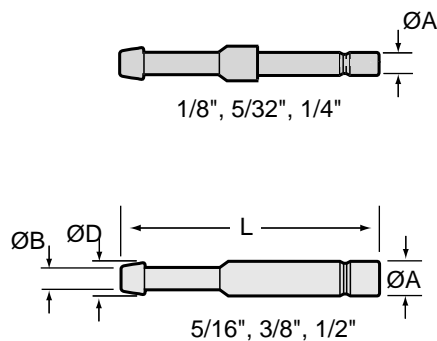
Pneufit Plug*



* Material: Nickel plated Brass

A Stem O.D.	Part Number	ØB	L
1/8"	12 004 0100	0.34 (8.6)	1.02 (25.9)
5/32"	12 004 0200	0.38 (9.6)	1.04 (26.4)
3/16"	12 004 0300	0.42 (10.6)	1.1 (27.9)
1/4"	12 004 0400	0.46 (11.6)	1.12 (28.4)
5/16"	12 004 0500	0.50 (12.7)	1.16 (29.5)
3/8"	12 004 0600	0.61 (15.6)	1.34 (34.0)
1/2"	12 004 0700	0.66 (16.7)	1.48 (37.6)

Pneufit Barb Adapter



1/8", 5/32", 1/4"

5/16", 3/8", 1/2"

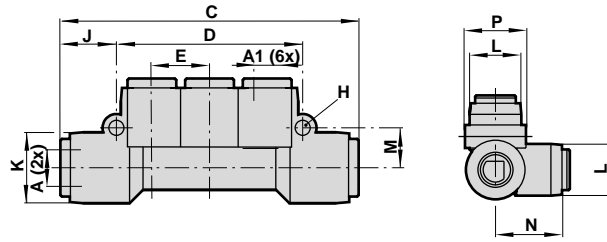
A Stem O.D.	B Hose Bore	Part Number	D	L (ref)
1/8"	1/8"	12 019 0101	0.17 (4.2)	1.34 (34.0)
5/32"	1/8"	12 019 0201	0.17 (4.2)	1.35 (34.3)
1/4"	3/16"	12 019 0403	0.24 (6.2)	1.43 (36.3)
5/16"	1/4"	12 019 0504	0.31 (7.9)	1.47 (37.3)
3/8"	5/16"	12 019 0605	0.37 (9.5)	1.70 (43.2)
1/2"	3/8"	12 019 0706	0.47 (11.9)	1.84 (46.7)



Inch Series Push-In Fittings

All Dimensions in Inches (mm)

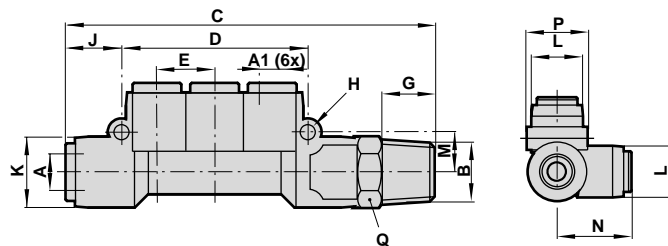
Pneufit Manifold*



Product Number	A Tube O.D.	A1 Tube O.D.	C	D	E	H	J	K	L	M	N	P
12 OD6 0402	1/4	5/32	2.74 (70)	1.65 (42)	0.51 (13)	0.13 (3)	0.50 (13)	0.63 (16)	0.55 (14)	0.35 (9)	0.79 (20)	0.65 (16)
12 OD6 0502	5/16	5/32	2.66 (68)	1.65 (42)	0.51 (13)	0.13 (3)	0.50 (13)	0.63 (16)	0.55 (14)	0.35 (9)	0.80 (20)	0.65 (16)
12 OD6 0604	3/8	1/4	3.25 (83)	1.89 (48)	0.59 (15)	0.13 (3)	0.68 (17)	0.79 (20)	0.63 (16)	0.41 (11)	0.90 (23)	0.80 (20)
12 OD6 0605	3/8	5/16	3.25 (83)	1.89 (48)	0.59 (15)	0.13 (3)	0.68 (17)	0.79 (20)	0.63 (16)	0.41 (11)	0.90 (23)	0.80 (20)

* Body material thermoplastic

Pneufit Manifold*



Product Number	A Tube O.D.	A1 Tube O.D.	B NPT thread	C	D	E	G	H	J	K	L	M	N	P	Q A/F
12 4D6 0228	5/16	5/32	1/4	3.37 (42)	1.65 (13)	0.51 (11)	0.44 (3)	0.13 (13)	0.50 (16)	0.63 (14)	0.55 (9)	0.35 (20)	0.80 (16)	0.65 (17)	11/16
12 4D6 0238	5/16	5/32	3/8	3.39 (42)	1.65 (13)	0.51 (13)	0.50 (3)	0.13 (13)	0.50 (16)	0.63 (14)	0.55 (9)	0.35 (20)	0.80 (16)	0.65 (19)	3/4
12 4D6 0428	5/16	1/4	1/4	3.37 (42)	1.65 (13)	0.51 (11)	0.44 (3)	0.13 (13)	0.50 (16)	0.63 (14)	0.55 (9)	0.35 (23)	0.89 (16)	0.65 (17)	11/16
12 4D6 0438	5/16	1/4	3/8	3.41 (42)	1.65 (13)	0.51 (12)	0.50 (3)	0.13 (13)	0.50 (16)	0.63 (14)	0.55 (9)	0.35 (23)	0.89 (16)	0.65 (19)	3/4
12 4D6 0448	3/8	1/4	1/2	4.06 (48)	1.89 (15)	0.59 (12)	0.50 (3)	0.13 (17)	0.68 (20)	0.79 (16)	0.63 (11)	0.41 (23)	0.89 (20)	0.80 (22)	7/8
12 4D6 0548	3/8	5/16	1/2	4.21 (48)	1.89 (15)	0.59 (16)	0.63 (3)	0.13 (17)	0.68 (20)	0.79 (16)	0.63 (11)	0.41 (23)	0.89 (20)	0.80 (22)	7/8

* Body material thermoplastic