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PUSH IN FITTINGS





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IN ADDITION TO OUR CENTRALIZED LOCATION, VACUFORCE HAS OVER 300 DISTRIBUTION PARTNERS ACROSS THE USA STRETCHING FROM PORTLAND, MAINE TO SAN DIEGO, CALIFORNIA AND ANCHORAGE, ALASKA TO MIAMI, FLORIDA. THESE STOCKING DISTRIBUTION LOCATIONS, ENABLE IMMEDIATE SUPPLY OF THE VACUFORCE AND PNEUFORCE PRODUCTS TO CUSTOMERS ACROSS THE NATION.

Vacuforce LLC
933 Western Drive
Indianapolis IN 46241
T 1.866.280.3766 | F 1.866.280.4829
www.vacuforce.com | sales@vacuforce.com



One touch “push in” fittings are used to connect pneumatic tubing, such as polyurethane and nylon, to various control valves, cylinders and other associated equipment. The Pneuforce fitting allows tubing to be connected and reconnected repeatedly without damaging the tube or fitting. All fittings threads are nickel plated brass. NPT and BSPT tapered threads have a pre-coated thread sealant applied for speed and consistency of assembly.

Universal Tri Thread fittings and M3, M5, M6 and 10-32UNF are parallel threads and therefore utilize an NBR O Ring seal.

- Fluid Medium Air
- Working Pressure 0-150 psi(g) / 10bar(g)
- Proof Pressure 450psi(g) / 30bar(g)
- Vacuum Duty 29.5"Hg / 14mbar(a)
- Working Temperature 32-140°F / 0-60°C *(high temperature models available upon request)*
All Metal Fittings -40-248°F / -40-120°C (pg.12)

NPT FITTINGS

The Pneuforce NPT fittings are suitable for connection of inch size tubing to NPT threads.

TUBE SIZES

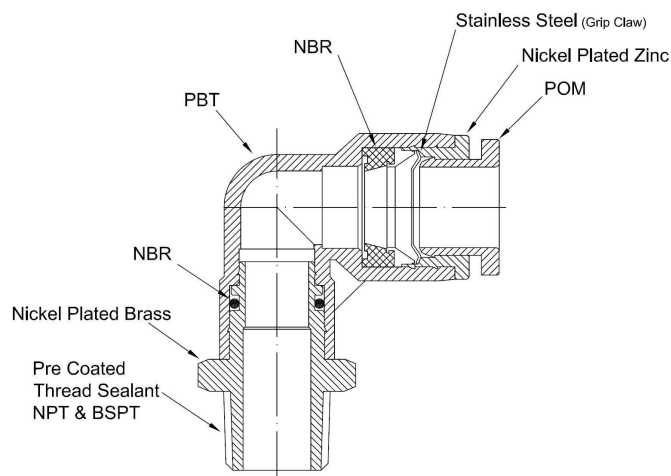
1/8"
5/32"
3/16"
1/4"
5/16"
3/8"
1/2"

It should be noted that 5/32" is the same diameter as 4mm and 5/16" is the same diameter as 8mm tubing.

THREAD SIZES

10-32UNF
1/8"
1/4"
3/8"
1/2"

It should also be noted that 10-32UNF is the same thread form as the metric M5 model.



TRI THREAD FITTINGS

The Pneuforce TRI THREAD fittings (designated by -U) have been developed to connect with global fluid power products. With factories across the world using a mix of NPT (American Standard) and BSP threads, there is some confusion as to what male threads should be used or stocked by fluid power users. Therefore the universal thread form of the TRI THREAD series has been developed to enable the connection of 1/8, 1/4, 3/8 and 1/2 male threads into the following female thread forms.

NPT, NPSF, BSPP(G), BSPT(R)

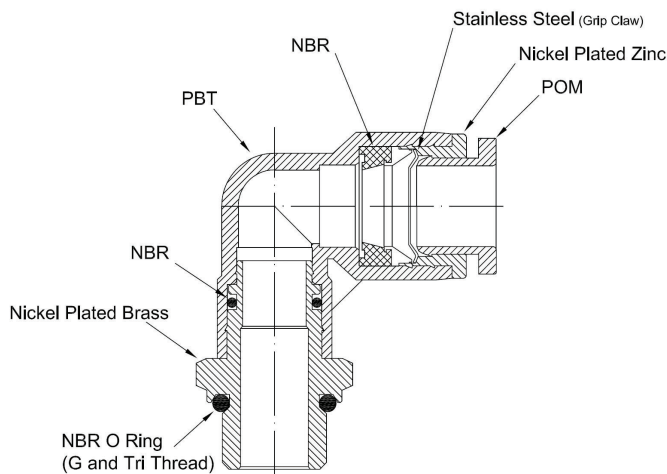
INCH TUBE SIZES

1/8"
5/32"
3/16"
1/4"
5/16"
3/8"
1/2"

METRIC TUBE SIZES

4mm (5/32")
6mm
8mm (5/16")
10mm
12mm

It should be noted that 5/32" is the same diameter as 4mm and 5/16" is the same diameter as 8mm tubing.



Due to the design of this thread form, the time taken to install the Tri Thread fitting is dramatically decreased. The following procedure should be used when installing TRI THREAD fittings. By hand, screw the TRI THREAD fitting into the female thread until the O ring seal compresses against the face of the component and the metal shoulder of the fitting makes contact with the component surface. Using a suitably sized wrench, or hex key on straight fittings, continue to tighten the fitting by turning clockwise by a further 1/4 turn. Do not over tighten, as once the O ring is pressed against the mating surface, the seal is airtight. Unlike a tapered thread, the seal is made via an O ring seal which is captive in the TRI THREAD. It is not an interference fit like that of male and female tapered threads. The TRI THREAD will seal repeatedly and therefore can be used again and again.

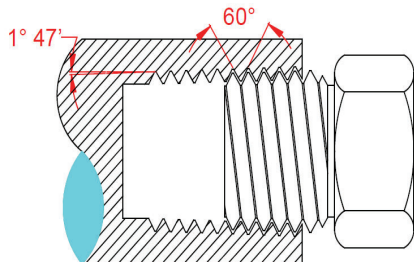
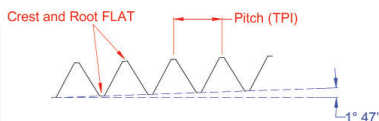


In the pneumatics industry there are four main types of thread forms in use today. This page highlights the technical data of each which should be understood when applying the push to connect fittings shown in this catalogue to applications found in the field.

National Pipe Taper (NPT)

Referred to as NPT, this American pipe thread is by far the most common thread type used on machinery manufactured and used in North America. This tapered thread seals using a thread sealant or tape. The Pneuforce BSPT male threaded fittings have a pre-coated thread sealant which offers speed of connection to female threaded ports as additional thread sealing tape is not required.

Thread Taper Angle $1^{\circ} 47'$
Thread Angle 60°
Thread Crest & Root Flat

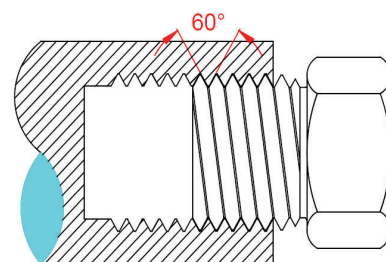
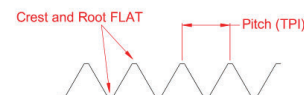


	1/8NPT	1/4NPT	3/8NPT	1/2NPT
TPI	27	18	18	14
Major Ø (mm)	10.3	13.7	17.1	21.3
Pitch (mm)	0.94	1.41	1.41	1.81

National Pipe Straight (NPS)

The NPS thread has the same fundamental characteristics as NPT except that it is a parallel thread. NPSF (National Pipe Straight Fuel) is used for female threads in fuel line connections but in the pneumatics industry it is often used in component bodies made of plastic where a tapered thread could split the component body as the fitting is tightened.

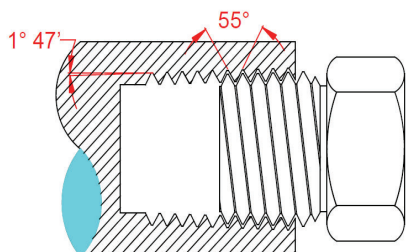
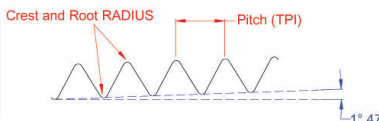
Thread Taper Angle 0°
Thread Angle 60°
Thread Crest & Root Flat



British Standard Pipe Taper (BSPT)

Often referred to as an "R" thread, the BSPT Thread is the standard for pipe thread across the world except for countries in North America which use NPT. BSPT is a tapered thread and is used in male threaded components for connection to female BSPT and BSPP thread forms. Using a BSPT male with BSPT female threads is the preferred method which offers a full tapered seal but are often used to attach to female BSPP threads. BSPT threads require a thread sealant to seal. The Pneuforce BSPT male threaded fittings have a pre-coated thread sealant which offers speed of connection to female threaded ports as additional thread sealing tape is not required.

Thread Taper Angle $1^{\circ} 47'$
Thread Angle 55°
Thread Crest & Root Radius

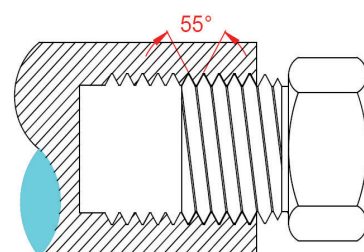
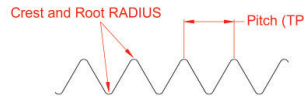


	1/8BSP	1/4BSP	3/8BSP	1/2BSP
TPI	28	19	19	14
Major Ø (mm)	9.7	13.2	16.6	20.9
Pitch (mm)	0.91	1.34	1.34	1.81

British Standard Pipe Parallel (BSPP)

Often referred to as a "G" thread, the BSPP thread form is by far the most popular female thread for pneumatic components except in North America where NPT is the standard. A parallel thread, the male fittings seal with an O ring ensuring an air tight seal and with multiple connections such as a manifold, this sealing method ensures a common fitting height. A further advantage is that the male fitting can be used repeatedly without the need for reapplying thread sealant. Male G threads cannot be connected to female BSPT thread ports.

Thread Taper Angle 0°
Thread Angle 55°
Thread Crest & Root Radius



PART NUMBER NOMENCLATURE

B **P** **C** **1/4** - **N1**

Brass Body and Collet

Plastic Body and Collet

JSC	90° Flow Control
JSU	Inline Flow Control
B	Branch Tee
C	Straight Male Stud
CF	Female Connector
D	Run Tee
E	Union Tee
EG	Reducing Tee Union
G	Reducing Straight Union
GJ	Plug in Reducer
H	Universal Elbow
HF	Universal Female Elbow
IG	Reducing Nipple
IJ	Nipple
L	Male Elbow
LF	Female Elbow
LGJ	Plug In Reducing Elbow
LH	Male 45° Elbow
LJ	Plug In Elbow
LL	Extended Male Elbow
M	Bulkhead Union
MF	Female Bulkhead
OC	Male Round Connector
P	Plug
U	Straight Union
V	Union Elbow
W	Reducing Union Y
WJ	Plug In Reducing Elbow
X	Branch Y
Y	Union Y
YJ	Plug In Y
ZA	Union Cross

TUBE SIZE

1/8
5/32
1/4
5/16
3/8
1/2
4mm
6mm
8mm
10mm
12mm

It should be noted that 5/32" is the same diameter as 4mm and 5/16" is the same diameter as 8mm tubing.

THREAD SIZE

U	10-32UNF (M5)*
M5	M5
N1	1/8NPT
N2	1/4NPT
N3	3/8NPT
N4	1/2NPT
U01	1/8 Universal
U02	1/4 Universal
U03	3/8 Universal
U04	1/2 Universal

**10-32UNF is interchangeable with an M5 metric thread*



PC MALE STRAIGHT



Part Number

PC1/8-U
PC1/8-N1
PC5/32-U
PC5/32-N1
PC5/32-N2
PC3/16-U
PC3/16-N1
PC3/16-N2
PC3/16-N3
PC1/4-U
PC1/4-N1
PC1/4-N2
PC1/4-N3
PC5/16-N1
PC5/16-N2
PC5/16-N3
PC3/8-N1
PC3/8-N2
PC3/8-N3
PC3/8-N4
PC1/2-N2
PC1/2-N3
PC1/2-N4

POC ROUND STRAIGHT



Part Number

POC1/8-U
POC1/8-N1
POC5/32-U
POC5/32-N1
POC1/4-U
POC1/4-N1
POC1/4-N2
POC5/16-N1
POC5/16-N2
POC5/16-N3
POC3/8-N3
POC3/8-N4
POC1/2-N3
POC1/2-N4

PCF FEMALE STRAIGHT



Part Number

PCF1/8-U
PCF1/8-N1
PCF5/32-N1
PCF5/32-N2
PCF3/16-N1
PCF3/16-N2
PCF1/4-N1
PCF1/4-N2
PCF5/16-N1
PCF5/16-N2
PCF5/16-N3
PCF3/8-N2
PCF3/8-N3
PCF1/2-N2
PCF1/2-N3

PL MALE ELBOW



Part Number

PL1/8-U
PL1/8-N1
PL5/32-U
PL5/32-N1
PL5/32-N2
PL3/16-U
PL3/16-N1
PL3/16-N2
PL3/16-N3
PL1/4-U
PL1/4-N1
PL1/4-N2
PL1/4-N3
PL5/16-N1
PL5/16-N2
PL5/16-N3
PL3/8-N1
PL3/8-N2
PL3/8-N3
PL3/8-N4
PL1/2-N2
PL1/2-N3
PL1/2-N4

PLL EXTENDED ELBOW



Part Number

PLL1/8-U
PLL1/8-N1
PLL5/32-U
PLL5/32-N1
PLL3/16-N1
PLL3/16-N2
PLL3/16-N3
PLL1/4-N1
PLL1/4-N2
PLL1/4-N3
PLL5/16-N1
PLL5/16-N2
PLL5/16-N3
PLL3/8-N2
PLL3/8-N3
PLL3/8-N4
PLL1/2-N2
PLL1/2-N3
PLL1/2-N4

PLH 45° ELBOW



Part Number

PLH1/8-U
PLH1/8-N1
PLH5/32-U
PLH5/32-N1
PLH5/32-N2
PLH3/16-U
PLH3/16-N1
PLH3/16-N2
PLH3/16-N3
PLH1/4-U
PLH1/4-N1
PLH1/4-N2
PLH1/4-N3
PLH5/16-N1
PLH5/16-N2
PLH5/16-N3
PLH3/8-N1
PLH3/8-N2
PLH3/8-N3
PLH3/8-N4
PLH1/2-N2
PLH1/2-N3
PLH1/2-N4

For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively

For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

PLF FEMALE ELBOW



Part Number

PLF1/8-U
PLF5/32-N1
PLF3/16-N1
PLF3/16-N2
PLF1/4-N1
PLF1/4-N2
PLF5/16-N1
PLF5/16-N2
PLF5/16-N3
PLF3/8-N2
PLF3/8-N3
PLF1/2-N3
PLF1/2-N4

PB BRANCH TEE



Part Number

PB1/8-U
PB1/8-N1
PB5/32-U
PB5/32-N1
PB5/32-N2
PB3/16-U
PB3/16-N1
PB3/16-N2
PB3/16-N3
PB1/4-U
PB1/4-N1
PB1/4-N2
PB1/4-N3
PB5/16-N1
PB5/16-N2
PB5/16-N3
PB3/8-N1
PB3/8-N2
PB3/8-N3
PB3/8-N4
PB1/2-N2
PB1/2-N3
PB1/2-N4

PD RUN TEE



Part Number

PD1/8-U
PD1/8-N1
PD5/32-U
PD5/32-N1
PD5/32-N2
PD3/16-U
PD3/16-N1
PD3/16-N2
PD3/16-N3
PD1/4-U
PD1/4-N1
PD1/4-N2
PD1/4-N3
PD5/16-N1
PD5/16-N2
PD5/16-N3
PD3/8-N1
PD3/8-N2
PD3/8-N3
PD3/8-N4
PD1/2-N2
PD1/2-N3
PD1/2-N4

PX BRANCH Y



Part Number

PX1/8-U
PX1/8-N1
PX5/32-U
PX5/32-N1
PX5/32-N2
PX3/16-U
PX3/16-N1
PX3/16-N2
PX3/16-N3
PX1/4-U
PX1/4-N1
PX1/4-N2
PX1/4-N3
PX5/16-N1
PX5/16-N2
PX5/16-N3
PX3/8-N1
PX3/8-N2
PX3/8-N3
PX3/8-N4
PX1/2-N2
PX1/2-N3
PX1/2-N4

PH MALE ELBOW



Part Number

PH1/8-U
PH1/8-N1
PH5/32-U
PH5/32-N1
PH3/16-U
PH3/16-N1
PH3/16-N2
PH1/4-N1
PH1/4-N2
PH5/16-N1
PH5/16-N2
PH5/16-N3
PH3/8-N2
PH3/8-N3
PH1/2-N3
PH1/2-N4

PHF FEMALE ELBOW



Part Number

PHF1/8-U
PHF1/8-N1
PHF5/32-U
PHF5/32-N1
PHF3/16-U
PHF3/16-N1
PHF3/16-N2
PHF1/4-N1
PHF1/4-N2
PHF5/16-N1
PHF5/16-N2
PHF5/16-N3
PHF3/8-N2
PHF3/8-N3
PHF1/2-N3
PHF1/2-N4

PMF BULKHEAD



Part Number

PMF5/32-N1
PMF3/16-N2
PMF1/4-N1
PMF1/4-N2
PMF5/16-N1
PMF5/16-N2
PMF5/16-N3
PMF3/8-N2
PMF3/8-N3
PMF1/2-N3
PMF1/2-N4

PKD MANIFOLD



Part Number

PKD3/16-5/32-N1
PKD1/4-5/32-N1
PKD5/16-1/4-N2
PKD5/16-3/16-N2
PKD5/16-5/32-N2
PKD3/8-5/16-N3

For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively

For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

PC MALE STUD



Part Number

PC1/8-U
PC1/8-U01
PC5/32-U
PC5/32-U01
PC5/32-U02
PC1/4-U
PC1/4-U01
PC1/4-U02
PC1/4-U03
PC5/16-U01
PC5/16-U02
PC5/16-U03
PC3/8-U01
PC3/8-U02
PC3/8-U03
PC3/8-U04
PC1/2-U02
PC1/2-U03
PC1/2-U04
PC06-M5
PC06-U01
PC06-U02
PC06-U03
PC10-U01
PC10-U02
PC10-U03
PC10-U04
PC12-U02
PC12-U03
PC12-U04

PL MALE ELBOW



Part Number

PL1/8-U
PL1/8-U01
PL5/32-U
PL5/32-U01
PL5/32-U02
PL1/4-U
PL1/4-U01
PL1/4-U02
PL1/4-U03
PL5/16-U01
PL5/16-U02
PL5/16-U03
PL3/8-U01
PL3/8-U02
PL3/8-U03
PL3/8-U04
PL1/2-U02
PL1/2-U03
PL1/2-U04
PL06-M5
PL06-U01
PL06-U02
PL06-U03
PL10-U01
PL10-U02
PL10-U03
PL10-U04
PL12-U02
PL12-U03
PL12-U04

PLL EXTENDED ELBOW



Part Number

PLL1/8-U
PLL1/8-U01
PLL5/32-U
PLL5/32-U01
PLL5/32-U02
PLL1/4-U
PLL1/4-U01
PLL1/4-U02
PLL1/4-U03
PLL5/16-U01
PLL5/16-U02
PLL5/16-U03
PLL3/8-U01
PLL3/8-U02
PLL3/8-U03
PLL3/8-U04
PLL1/2-U02
PLL1/2-U03
PLL1/2-U04
PLL06-M5
PLL06-U01
PLL06-U02
PLL06-U03
PLL10-U01
PLL10-U02
PLL10-U03
PLL10-U04
PLL12-U02
PLL12-U03
PLL12-U04

PB BRANCH TEE



Part Number

PB1/8-U
PB1/8-U01
PB5/32-U
PB5/32-U01
PB5/32-U02
PB1/4-U
PB1/4-U01
PB1/4-U02
PB1/4-U03
PB5/16-U01
PB5/16-U02
PB5/16-U03
PB3/8-U01
PB3/8-U02
PB3/8-U03
PB3/8-U04
PB1/2-U02
PB1/2-U03
PB1/2-U04
PB06-M5
PB06-U01
PB06-U02
PB06-U03
PB10-U01
PB10-U02
PB10-U03
PB10-U04
PB12-U02
PB12-U03
PB12-U04

PD RUN TEE



Part Number

PD1/8-U
PD1/8-U01
PD5/32-U
PD5/32-U01
PD5/32-U02
PD1/4-U
PD1/4-U01
PD1/4-U02
PD1/4-U03
PD5/16-U01
PD5/16-U02
PD5/16-U03
PD3/8-U01
PD3/8-U02
PD3/8-U03
PD3/8-U04
PD1/2-U02
PD1/2-U03
PD1/2-U04
PD06-M5
PD06-U01
PD06-U02
PD06-U03
PD10-U01
PD10-U02
PD10-U03
PD10-U04
PD12-U02
PD12-U03
PD12-U04

PX BRANCH Y



Part Number

PX1/8-U
PX1/8-U01
PX5/32-U
PX5/32-U01
PX5/32-U02
PX1/4-U
PX1/4-U01
PX1/4-U02
PX1/4-U03
PX5/16-U01
PX5/16-U02
PX5/16-U03
PX3/8-U01
PX3/8-U02
PX3/8-U03
PX3/8-U04
PX1/2-U02
PX1/2-U03
PX1/2-U04
PX06-M5
PX06-U01
PX06-U02
PX06-U03
PX10-U01
PX10-U02
PX10-U03
PX10-U04
PX12-U02
PX12-U03
PX12-U04

POC ROUND STRAIGHT



Part Number

POC04-M5
POC04-M6
POC04-01
POC04-02
POC06-M5
POC06-M6
POC06-01
POC06-02
POC06-03
POC08-01
POC08-02
POC08-03
POC08-04
POC10-01
POC10-02
POC10-03
POC10-04
POC12-02
POC12-03
POC12-04

PCF FEMALE STRAIGHT



Part Number

PCF04-01
PCF04-02
PCF06-01
PCF06-02
PCF06-03
PCF08-01
PCF08-02
PCF08-03
PCF08-04
PCF10-01
PCF10-02
PCF10-03
PCF10-04
PCF12-02
PCF12-03
PCF12-04

PMF BULKHEAD



Part Number

PMF04-G01
PMF04-G02
PMF06-G01
PMF06-G02
PMF06-G03
PMF08-G01
PMF08-G02
PMF08-G03
PMF08-G04
PMF10-G01
PMF10-G02
PMF10-G03
PMF10-G04
PMF12-G02
PMF12-G03
PMF12-G04

PH MALE ELBOW



Part Number

PH04-M5
PH04-G01
PH06-M5
PH06-G01
PH06-G02
PH08-G01
PH08-G02
PH08-G03
PH10-G02
PH10-G03
PH12-G03
PH12-G04

PHF FEMALE ELBOW



Part Number

PHF04-M5
PHF04-G01
PHF06-M5
PHF06-G01
PHF06-G02
PHF08-G01
PHF08-G02
PHF08-G03
PHF10-G02
PHF10-G03
PHF12-G03
PHF12-G04

PLF FEMALE ELBOW



Part Number

PLF04-M5
PLF04-M6
PLF04-G01
PLF04-G02
PLF06-M5
PLF06-M6
PLF06-G01
PLF06-G02
PLF06-G03
PLF08-G01
PLF08-G02
PLF08-G03
PLF08-G04
PLF10-G01
PLF10-G02
PLF10-G03
PLF10-G04
PLF12-G02
PLF12-G03
PLF12-G04

PLH 45° ELBOW



Part Number

PLH04-M5
PLH04-G01
PLH04-G02
PLH06-M5
PLH06-G01
PLH06-G02
PLH06-G03
PLH06-G04
PLH08-G01
PLH08-G02
PLH08-G03
PLH08-G04
PLH10-G01
PLH10-G02
PLH10-G03
PLH10-G04
PLH12-G02
PLH12-G03
PLH12-G04

PKD MANIFOLD



Part Number

PKD06-04-G01
PKD08-04-G02
PKD08-06-G02
PKD10-08-G03

For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively

For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

PM BULKHEAD



Part Number

PM1/8
PM5/32
PM3/16
PM1/4
PM5/16
PM3/8
PM1/2

~~PM04~~ use PM5/32
PM06
~~PM08~~ use PM5/16
PM10
PM12

PU UNION STRAIGHT



Part Number

PU1/8
PU5/32
PU3/16
PU1/4
PU5/16
PU3/8
PU1/2

~~PU04~~ use PU5/32
PU06
~~PU08~~ use PU5/16
PU10
PU12
PU16

PV UNION ELBOW



Part Number

PV1/8
PV5/32
PV3/16
PV1/4
PV5/16
PV3/8
PV1/2

~~PV04~~ use PV5/32
PV06
~~PV08~~ use PV5/16
PV10
PV12
PV16

PE UNION TEE



Part Number

PE1/8
PE5/32
PE3/16
PE1/4
PE5/16
PE3/8
PE1/2

~~PE04~~ use PE5/32
PE06
~~PE08~~ use PE5/16
PE10
PE12
PE16

PY UNION Y



Part Number

PY1/8
PY5/32
PY3/16
PY1/4
PY5/16
PY3/8
PY1/2

~~PY04~~ use PY5/32
PY06
~~PY08~~ use PY5/16
PY10
PY12
PY16

PZA UNION CROSS



Part Number

PZA1/8
PZA5/32
PZA3/16
PZA1/4
PZA5/16
PZA3/8
PZA1/2

~~PZA04~~ use PZA5/32
PZA06
~~PZA08~~ use PZA5/16
PZA10
PZA12
PZA16

PG REDUCING UNION



Part Number

PG5/32-1/8
PG3/16-5/32
PG1/4-5/32
PG1/4-3/16
PG5/16-1/4
PG3/8-5/16
PG1/2-3/8

PG06-04
PG08-06
PG10-08
PG12-10
PG16-12

PEG REDUCING TEE



Part Number

PEG1/4-1/8
PEG1/4-5/32
PEG5/16-5/32
PEG5/16-1/4
PEG3/8-5/16
PEG1/2-3/8

PEG06-04
~~PEG08-04~~ use PEG5/16-5/32
PEG08-06
PEG10-08
PEG12-10

PW REDUCING Y



Part Number

PW5/32-1/8
PW3/16-5/32
PW1/4-5/32
PW1/4-3/16
PW5/16-1/4
PW3/8-1/4
PW3/8-5/16
PW1/2-3/8

PW06-04
PW08-06
PW10-08
PW12-10

For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively

For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

PP PLUG



Part Number

PP5/32
PP3/16
PP1/4
PP5/16
PP3/8
PP1/2

~~PP04~~ use PP5/32
PP06
~~PP08~~ use PP5/16
PP10
PP12
PP16

PIJ NIPPLE



Part Number

PIJ5/32
PIJ3/16
PIJ1/4
PIJ5/16
PIJ3/8
PIJ1/2

~~PIJ04~~ use PIJ5/32
PIJ06
~~PIJ08~~ use PIJ5/16
PIJ10
PIJ12
PIJ16

The PIJ Hollow Nipple Is Used to Connect two Fittings Directly Together

PIG REDUCING NIPPLE



Part Number

PIG3/16-5/32
PIG1/4-5/32
PIG1/4-3/16
PIG5/16-5/32
PIG5/16-1/4
PIG3/8-5/16
PIG1/2-3/8

PIG06-04
~~PIG08-04~~ use PIG5/16-5/32
PIG08-06
PIG10-06
PIG10-08

PGJ PLUG IN REDUCER



Part Number

PGJ1/4-5/32
PGJ5/16-5/32
PGJ5/16-1/4
PGJ3/8-1/4
PGJ3/8-5/16
PGJ1/2-1/4
PGJ1/2-5/16
PGJ1/2-3/8

PGJ06-04
~~PGJ08-04~~ use PGJ5/16-5/32
PGJ08-06
PGJ10-06
PGJ10-08
PGJ12-06
PGJ12-08
PGJ12-10

The PGJ Male Stem is the Larger Size

PYJ PLUG IN Y



Part Number

PIJ5/32
PIJ3/16
PIJ1/4
PIJ5/16
PIJ3/8
PIJ1/2

~~PIJ04~~ use PIJ5/32
PIJ06
~~PIJ08~~ use PIJ5/16
PIJ10
PIJ12
PIJ16

PLJ PLUG IN ELBOW



Part Number

PLJ1/8
PLJ5/32
PLJ3/16
PLJ1/4
PLJ5/16
PLJ3/8
PLJ1/2

~~PLJ04~~ use PLJ5/32
PLJ06
~~PLJ08~~ use PLJ5/16
PLJ10
PLJ12

PLGJ REDUCING ELBOW



Part Number

PLGJ5/32-1/8
PLGJ3/16-5/32
PLGJ1/4-5/32
PLGJ1/4-3/16
PLGJ5/16-1/4
PLGJ3/8-5/16
PLGJ1/2-3/8

PLGJ06-04
PLGJ08-06
PLGJ10-08
PLGJ12-10

The PLGJ Stem is the Larger Size

PWJ REDUCING Y



Part Number

PWJ5/32-1/8
PWJ1/4-5/32
PWJ5/16-1/4
PWJ3/8-5/16
PWJ1/2-3/8

PWJ06-04
PWJ08-06
PWJ10-08
PWJ12-10

For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively

For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

PK MANIFOLD



Part Number

PK5/32
PK3/16
PK1/4
PK5/16

~~PK04~~ use PK5/32
PK06
~~PK08~~ use PK5/16

The PK Manifold Has All Equal Size Ports

MANIFOLDS

PKG MANIFOLD



Part Number

PKG3/16-5/32
PKG1/4-5/32
PKG5/16-5/32
PKG5/16-1/4
PKG3/8-1/4
PKG3/8-5/16

PKG06-04
PKG08-06
PKG10-06
PKG10-08
PKG12-10

The PKG Manifold Has Supply Ports of Equal Size & Three Reduced Side Ports

PKJ MANIFOLD



Part Number

PKJ3/16-5/32
PKJ1/4-5/32
PKJ5/16-5/32
PKJ5/16-1/4
PKJ3/8-1/4
PKJ3/8-5/16

PKJ06-04
~~PKJ08-04~~ use PKJ5/16-5/32
PKJ08-06
PKJ10-06
PKJ10-08

The PKJ Manifold Has a Stem & Opposite Tube Port of Equal Size & Three Reduced Side Ports

FLOW CONTROLS

JSC FLOW CONTROL INCH TUBE TO NPT



Part Number

JSC1/8-U
JSC1/8-N1
JSC5/32-U
JSC5/32-N1
JSC3/16-U
JSC3/16-N1
JSC3/16-N2
JSC3/16-N3
JSC1/4-U
JSC1/4-N1
JSC1/4-N2
JSC1/4-N3
JSC5/16-N1
JSC5/16-N2
JSC5/16-N3
JSC3/8-N2
JSC3/8-N3
JSC3/8-N4
JSC1/2-N3
JSC1/2-N4

JSC FLOW CONTROL MM TUBE TO BSPT



Part Number

JSC04-01
JSC04-02
JSC06-01
JSC06-02
JSC06-03
JSC06-04
JSC08-01
JSC08-02
JSC08-03
JSC08-04
JSC10-01
JSC10-02
JSC10-03
JSC10-04
JSC12-02
JSC12-03
JSC12-04

JSC FLOW CONTROL MM TUBE TO BSPP



Part Number

JSC04-M5
JSC04-M6
JSC04-G01
JSC04-G02
JSC06-M5
JSC06-M6
JSC06-G01
JSC06-G02
JSC06-G03
JSC06-G04
JSC08-G01
JSC08-G02
JSC08-G03
JSC08-G04
JSC10-G01
JSC10-G02
JSC10-G03
JSC10-G04
JSC12-G02
JSC12-G03
JSC12-G04

JSU FLOW CONTROL MM & INCH TUBING



Part Number

JSU1/8
JSU5/32
JSU3/16
JSU1/4
JSU5/16
JSU3/8
JSU1/2

~~JSU04~~ use JSU5/32
JSU06
~~JSU08~~ use JSU5/16
JSU10
JSU12

NASC FLOW CONTROL NPT THREADS



Part Number

NASC-06
NASC-08
NASC-10
NASC-15

Port Size

1/8NPT
1/4NPT
3/8NPT
1/2NPT

For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively
For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

The Pneuforce brass nickel plated push to connect fittings have been developed for use in harsh environments and applications.

Designed for low and high temperature operation these fittings exceed all normal criteria expected of a standard push to connect fitting.

SPECIFICATIONS

Minimum Operating Temperature
Maximum Operating Temperature
Minimum Operating Pressure
Maximum Operating Pressure

-40°C / -40°F
+120°C / +248°F
29"Hg (vacuum)
12bar(g) / 176psi(g)

BC MALE STUD

Part Number - Inch to NPT

BC1/8-U
BC1/8-N1
BC1/8-N2
BC5/32-U
BC5/32-N1
BC5/32-N2
BC1/4-N1
BC1/4-N2
BC1/4-N3
BC1/4-N4
BC5/16-N1
BC5/16-N2
BC5/16-N3
BC5/16-N4
BC3/8-N1
BC3/8-N2
BC3/8-N3
BC3/8-N4
BC1/2-N2
BC1/2-N3
BC1/2-N4



**Part Number Inch & mm Tubing
Universal Threads**

BC1/8-U01
BC1/8-U02
BC5/32-U01
BC5/32-U02
BC06-U01
BC06-U02
BC06-U03
BC06-U04
BC1/4-U01
BC1/4-U02
BC1/4-U03
BC1/4-U04
BC5/16-U01
BC5/16-U02
BC5/16-U03
BC5/16-U04
BC3/8-U01
BC3/8-U02
BC3/8-U03
BC3/8-U04
BC10-U01
BC10-U02
BC10-U03
BC10-U04
BC12-U02
BC12-U03
BC12-U04



BL ELBOW

Part Number Inch to NPT

BL1/8-U
BL1/8-N1
BL1/8-N2
BL5/32-U
BL5/32-N1
BL5/32-N2
BL1/4-N1
BL1/4-N2
BL1/4-N3
BL1/4-N4
BL5/16-N1
BL5/16-N2
BL5/16-N3
BL5/16-N4
BL3/8-N1
BL3/8-N2
BL3/8-N3
BL3/8-N4
BL1/2-N2
BL1/2-N3
BL1/2-N4



**Part Number Inch & mm Tubing
Universal Threads**

BL1/8-U01
BL1/8-U02
BL5/32-U01
BL5/32-U02
BL06-U01
BL06-U02
BL06-U03
BL06-U04
BL1/4-U01
BL1/4-U02
BL1/4-U03
BL1/4-U04
BL5/16-U01
BL5/16-U02
BL5/16-U03
BL5/16-U04
BL3/8-U01
BL3/8-U02
BL3/8-U03
BL3/8-U04
BL10-U01
BL10-U02
BL10-U03
BL10-U04
BL12-U02
BL12-U03
BL12-U04



BB BRANCH TEE

Part Number - Inch to NPT

BB1/8-U
BB1/8-N1
BB1/8-N2
BB5/32-U
BB5/32-N1
BB5/32-N2
BB1/4-N1
BB1/4-N2
BB1/4-N3
BB1/4-N4
BB5/16-N1
BB5/16-N2
BB5/16-N3
BB5/16-N4
BB3/8-N1
BB3/8-N2
BB3/8-N3
BB3/8-N4
BB1/2-N2
BB1/2-N3
BB1/2-N4



**Part Number Inch & mm Tubing
Universal Threads**

BB1/8-U01
BB1/8-U02
BB5/32-U01
BB5/32-U02
BB06-U01
BB06-U02
BB06-U03
BB06-U04
BB1/4-U01
BB1/4-U02
BB1/4-U03
BB1/4-U04
BB5/16-U01
BB5/16-U02
BB5/16-U03
BB5/16-U04
BB3/8-U01
BB3/8-U02
BB3/8-U03
BB3/8-U04
BB10-U01
BB10-U02
BB10-U03
BB10-U04
BB12-U02
BB12-U03
BB12-U04



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SPECIFICATIONS

Minimum Operating Temperature

Maximum Operating Temperature

Minimum Operating Pressure

Maximum Operating Pressure

-40°C / -40°F

+120°C / +248°F

29"Hg (vacuum)

12bar(g) / 176psi(g)

BD RUN TEE

Part Number - Inch to NPT

BD1/8-U
BD1/8-N1
BD1/8-N2
BD5/32-U
BD5/32-N1
BD5/32-N2
BD1/4-N1
BD1/4-N2
BD1/4-N3
BD1/4-N4
BD5/16-N1
BD5/16-N2
BD5/16-N3
BD5/16-N4
BD3/8-N1
BD3/8-N2
BD3/8-N3
BD3/8-N4
BD1/2-N2
BD1/2-N3
BD1/2-N4



Part Number Inch & mm Tubing

Universal Threads

BD1/8-U01
BD1/8-U02
BD5/32-U01
BD5/32-U02
BD06-U01
BD06-U02
BD06-U03
BD06-U04
BD1/4-U01
BD1/4-U02
BD1/4-U03
BD1/4-U04
BD5/16-U01
BD5/16-U02
BD5/16-U03
BD5/16-U04
BD3/8-U01
BD3/8-U02
BD3/8-U03
BD3/8-U04
BD10-U01
BD10-U02
BD10-U03
BD10-U04
BD12-U02
BD12-U03
BD12-U04



BE UNION TEE

Part Number

BE1/8
BE5/32
BE1/4
BE5/16
BE3/8
BE1/2

~~BE04~~ use BE5/32

BE06

~~BE08~~ use BE5/16

BE10

BE12



BM BULKHEAD

Part Number

BM1/8
BM5/32
BM1/4
BM5/16
BM3/8
BM1/2

~~BM04~~ use BM5/32

BM06

~~BM08~~ use BM5/16

BM10

BM12



BG REDUCING UNION

Part Number

BG1/4-5/32
BG5/16-1/4
BG3/8-5/16
BG1/2-3/8

BG06-04

BG10-08

BG12-10



BU UNION

Part Number

BU1/8
BU5/32
BU1/4
BU5/16
BU3/8
BU1/2

~~BU04~~ use BU5/32

BU06

~~BU08~~ use BU5/32

BU10

BU12



BV UNION ELBOW

Part Number

BV1/8
BV5/32
BV1/4
BV5/16
BV3/8
BV1/2

~~BV04~~ use BV5/32

BV06

~~BV08~~ use BV5/16

BV10

BV12



For 4mm and 8mm tube use 5/32 & 5/16 sizes respectively

For Technical Details Including Dimensions Visit www.pneuforce.com

Check Pricing & Inventory Online

Pneuforce offers a complete line of pneumatic automation equipment such as the types highlighted below. Pneuforce specializes in supplying industrial distributors high quality, cost competitive products from around the world enabling industrial distributors to compete in today's global market.

Pneuforce also offers custom manufacturing of mechanical components. Please contact us with your inquiry.

FRL Assemblies & Components

- Air Filters
- Pressure Regulators
- Airline Lubricators
- Inline Mini Regulators
- Safety Lock Out Valves



Switches & Sensors

- Solid State Sensors
- PNP & NPN Models
- Carbon Steel Case Gauges
- Stainless Steel Gauges

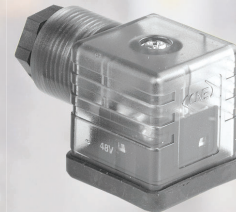
Control Valves

- Poppet Valves
- Pilot Operated Spool Valves
- Solenoid Spool Valves
- Valve Manifolds
- 2/2, 3/2, 5/2 & 5/3 configurations
- From 10-32UNF to 2NPT



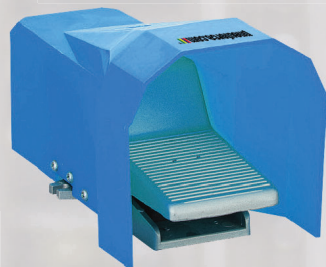
Electrical Connectors

- DIN43650 Solenoid Connectors
- Form A, Form B, Form C & D
- Molded DIN Connectors
- M8 Straight and 90° Connectors
- M12 Straight and 90° Connectors
- Solenoid Valve Timers



Manual & Automatic Valves

- Hand Valves
- Directional Valves
- Foot Pedal Valves
- Quick Exhaust Valves
- Shuttle Valves
- Check Valves
- Precision Flow Controls



Mufflers & Silencers

- Plastic Silencers
- Aluminum Silencers
- Brass Breather Vents
- Brass Exhaust Mufflers
- Silencers with Flow Control

