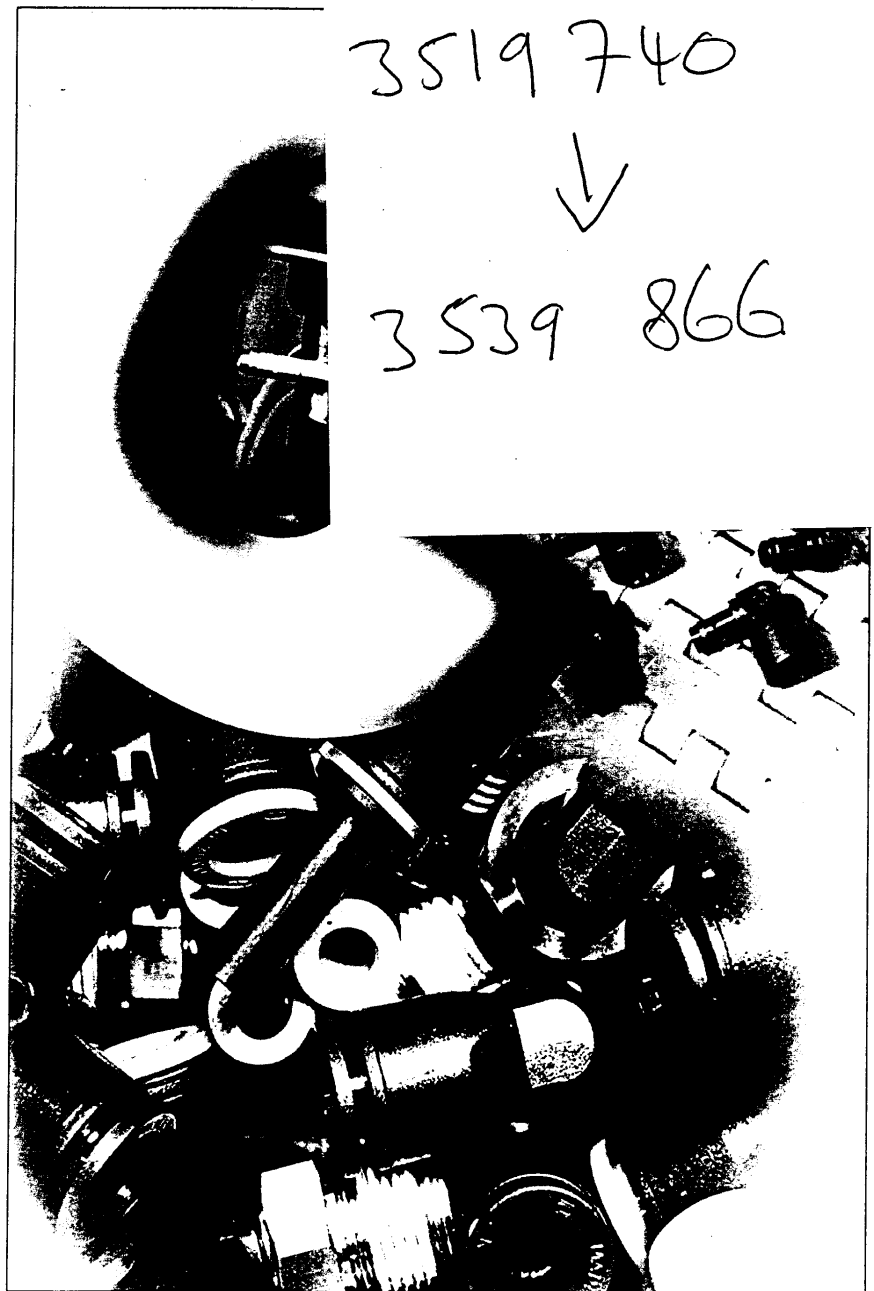


# Pneufit C

## Composite Fittings

Ø 3 to 10mm O/D tube

Ø 1/8" to 3/8" O/D tube



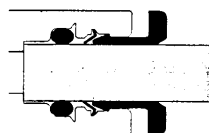
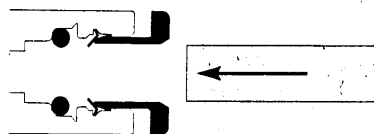
- Innovation through design & technology
- Superior levels of performance
- Compact and light weight
- Inch and metric sizes

## Method of assembly



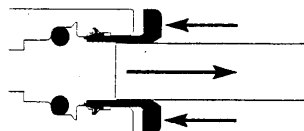
1. Ensure that the end of the tube is cut square and is free from burrs.

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.



## Tube sizes

3, 4, 6, 8, 10mm O/D & 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

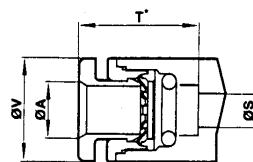
## Tube types

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

Copper and stainless steel

\* Suitable for 85D

## Typical dimensions



| A<br>O/D tube | S†  | T*<br>Tube stop | V    |
|---------------|-----|-----------------|------|
| 3mm           | 2,3 | 15,3            | 10,7 |
| 4mm           | 2,8 | 15,3            | 10,7 |
| 6mm           | 4,4 | 17,1            | 12,9 |
| 8mm           | 6,0 | 19,2            | 14,5 |
| 10mm          | 7,7 | 20,25           | 17,6 |

| A<br>O/D tube | S†  | T*<br>Tube stop | V    |
|---------------|-----|-----------------|------|
| 1/8"          | 2,3 | 15,3            | 10,7 |
| 5/32"         | 2,8 | 15,3            | 10,7 |
| 1/4"          | 4,4 | 17,1            | 12,9 |
| 5/16"         | 6,0 | 19,2            | 14,5 |
| 3/8"          | 7,7 | 20,25           | 17,6 |

\* 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

## 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 table below

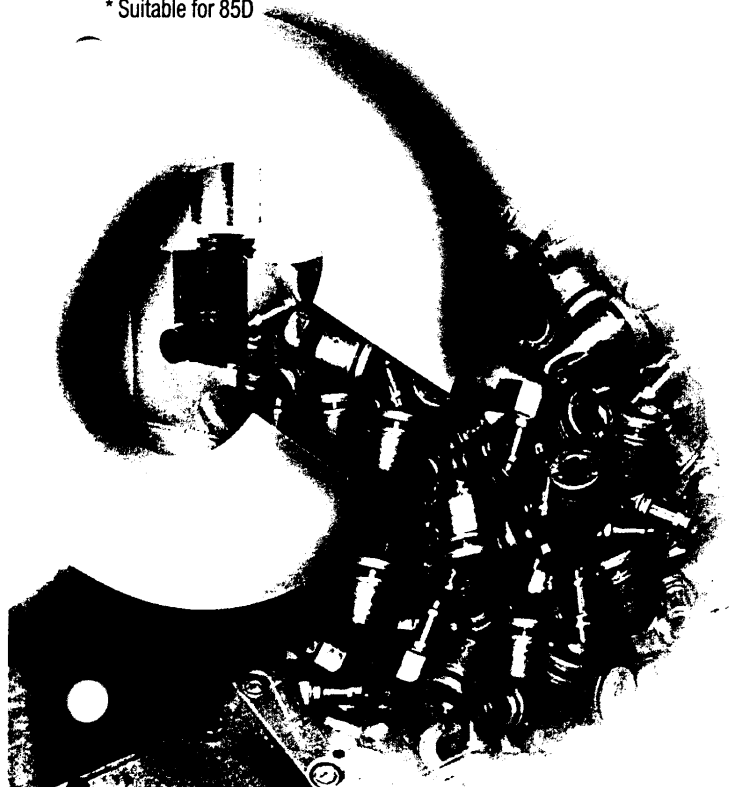
| Thread<br>(Tapered) | Tightening<br>Torque (Nm) |
|---------------------|---------------------------|
| 1/8"                | 6,86 ... 8,82             |
| 1/4"                | 11,76 ... 13,72           |
| 3/8"                | 21,56 ... 25,32           |
| 1/2"                | 27,44 ... 29,40           |

## C-Clips

For colour coding and tamper-resistant feature

|        | 3mm ... 4mm<br>1/8" ... 5/32" | 6mm<br>1/4" | 8mm<br>5/16" | 10mm<br>3/8" |
|--------|-------------------------------|-------------|--------------|--------------|
| RED    | 48A35501                      | 48B35501    | 48C35501     | 48D35501     |
| YELLOW | 48A35502                      | 48B35502    | 48C35502     | 48D35502     |
| ORANGE | 48A35503                      | 48B35503    | 48C35503     | 48D35503     |
| GREEN  | 48A35504                      | 48B35504    | 48C35504     | 48D35504     |
| BLACK  | 48A35505                      | 48B35505    | 48C35505     | 48D35505     |
| BROWN  | 48A35506                      | 48B35506    | 48C35506     | 48D35506     |
| VIOLET | 48A35507                      | 48B35507    | 48C35507     | 48D35507     |
| BLUE   | 48A35508                      | 48B35508    | 48C35508     | 48D35508     |
| WHITE  | 48A35509                      | 48B35509    | 48C35509     | 48D35509     |
| SILVER | 48A35510                      | 48B35510    | 48C35510     | 48D35510     |

Boxed in quantities of 30



# Pneufit C Composite Fittings

Ø 3 to 1 1/2" O/D tube    Ø 1/8" to 3/8" O/D tube

With innovation through design and in-house manufacturing, Pneufit C provides a reliable and superior quality pneumatic fitting

Releasable grab ring technology combining plastic and brass components for a compact fitting design

High-level performance for gripping soft PU tube through to copper and stainless steel

Colour coding option with tamper-resistant feature

## Features

Moulded mounting brackets on tube connector designs

Lightweight

Red/grey release sleeve indicates metric/inch tube sizes

Silicone free 'O' ring seals

Non-PTFE based thread sealant on tapered threads

Easy tube insertion for rapid and quick assembly of pneumatic circuits

Internal hexagon on straight adaptors allows assembly in confined spaces

Corrosion resistant

## Technical data

Medium:

Compressed air

Operating pressure:

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

Ambient temperature:

-20° to +80° C

## Materials

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

Straight adaptors: nickel plated brass

Straight stem adaptors: plastic - acetal

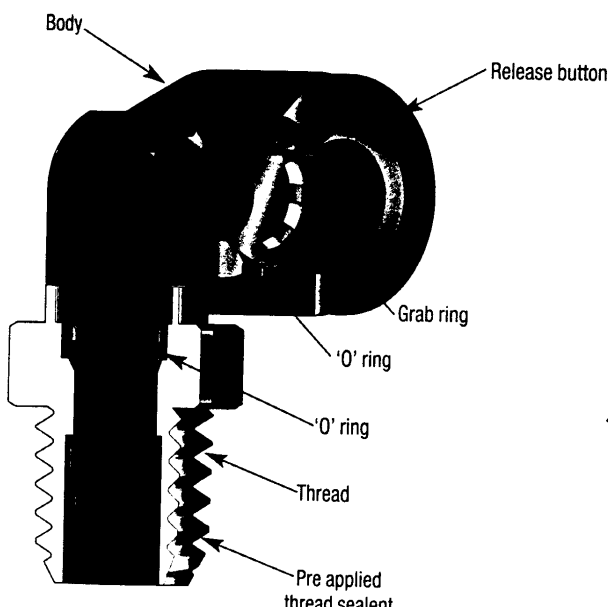
Threads: nickel plated brass

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

'O' rings: silicone free nitrile

Typical part number: C01470628

90° Swivel elbow adaptor



# Straight connector

| O/D<br>Tube | A    | B    | C   | D    |
|-------------|------|------|-----|------|
| 3           | 33.5 | 10.7 | 5.0 | 13.6 |
| 4           | 33.5 | 10.7 | 5.0 | 13.6 |
| 6           | 39.0 | 12.9 | 6.0 | 15.7 |
| 8           | 43.5 | 14.5 | 7.0 | 17.5 |
| 10          | 48.0 | 17.4 | 8.0 | 20.1 |

# Straight connector

| O/D<br>Tube | A    | B    | C   | D    |
|-------------|------|------|-----|------|
| 1/8"        | 33.5 | 10.7 | 5.0 | 13.6 |
| 5/32"       | 33.5 | 10.7 | 5.0 | 13.6 |
| 1/4"        | 39.0 | 12.9 | 6.0 | 15.7 |
| 5/16"       | 43.5 | 14.5 | 7.0 | 17.5 |
| 3/8"        | 48.0 | 17.4 | 8.0 | 20.1 |

# Straight adaptor

| O/D<br>Tube | BSPP<br>Thread | A    | C    | D    | E    |
|-------------|----------------|------|------|------|------|
| 4           | M3             | 19.2 | M3   | 1.5  | 10.6 |
| 4           | M5             | 21.2 | M5   | 2.5  | 10.6 |
| 4           | 1/8"           | 18.7 | 1/8" | 13.8 | 12.0 |
| 4           | 1/4"           | 21.5 | 1/4" | 17.8 | 12.0 |
| 6           | M5             | 24.6 | M5   | 2.5  | 12.6 |
| 6           | 1/8"           | 24.1 | 1/8" | 13.8 | 14.0 |
| 6           | 1/4"           | 23.1 | 1/4" | 17.8 | 14.0 |
| 8           | 1/8"           | 27.0 | 1/8" | 13.8 | 16.0 |
| 8           | 1/4"           | 25.0 | 1/4" | 17.8 | 16.0 |
| 8           | 3/8"           | 25.0 | 3/8" | 21.7 | 16.0 |
| 8           | 1/2"           | 27.5 | 1/2" | 25.7 | 16.0 |
| 10          | 1/8"           | 28.1 | 1/8" | 13.8 | 21.0 |
| 10          | 1/4"           | 31.1 | 1/4" | 17.8 | 21.0 |
| 10          | 3/8"           | 28.1 | 3/8" | 21.7 | 21.0 |
| 10          | 1/2"           | 30.1 | 1/2" | 25.7 | 21.0 |

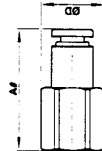
# Straight adaptor

| O/D<br>Tube | BSPP<br>Thread | A | C | D | E |
|-------------|----------------|---|---|---|---|
|-------------|----------------|---|---|---|---|



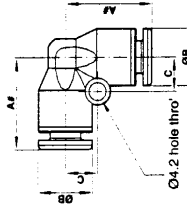
# Female straight adaptor

| PIF<br>BSPP<br>Female | A    | D    |
|-----------------------|------|------|
| 4 M5                  | 22.5 | 12.0 |
| 4 1/8"                | 25.2 | 14.0 |
| 4 1/4"                | 29.7 | 18.5 |
| 6 1/8"                | 27.1 | 14.0 |
| 6 1/4"                | 31.6 | 18.5 |
| 8 1/8"                | 29.1 | 16.0 |
| 8 1/4"                | 34.1 | 18.5 |
| 8 1/4"                | 29.5 | 21.0 |
| 8 3/8"                | 29.5 | 21.0 |



# Female straight adaptor

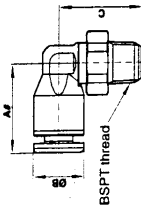
| O/D<br>Tube | NPTF<br>Thread | A    | D    |
|-------------|----------------|------|------|
| 1/8"        | 1/8"           | 28.2 | 15.8 |
| 1/8"        | 1/4"           | 35.2 | 17.0 |
| 5/32"       | 1/8"           | 28.2 | 15.8 |
| 5/32"       | 1/4"           | 35.2 | 17.0 |
| 1/4"        | 1/8"           | 31.6 | 15.8 |
| 1/4"        | 1/4"           | 38.1 | 17.0 |
| 5/16"       | 1/8"           | 33.0 | 17.0 |
| 5/16"       | 1/4"           | 40.5 | 17.0 |
| 3/8"        | 1/4"           | 41.1 | 21.0 |
| 3/8"        | 3/8"           | 42.1 | 24.0 |



# Elbow connector

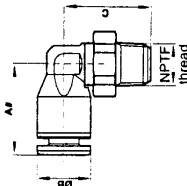
| O/D<br>Tube | A    | B    | C    |
|-------------|------|------|------|
| 3           | 18.0 | 10.7 | 6.5  |
| 4           | 18.0 | 10.7 | 6.5  |
| 6           | 21.0 | 12.9 | 7.7  |
| 8           | 25.0 | 14.5 | 7.25 |
| 10          | 27.5 | 17.4 | 8.35 |

| O/D<br>Tube | A    | B    | C   |
|-------------|------|------|-----|
| 1/8"        | 18.0 | 10.7 | 6.5 |
| 5/32"       | 18.0 | 10.7 | 6.5 |



# 90° Swivel elbow adaptor

| O/D<br>Tube | BSPT<br>Thread | A    | B    | C    |
|-------------|----------------|------|------|------|
| 3           | 1/8"           | 18.0 | 10.7 | 19.5 |
| 4           | 1/8"           | 18.0 | 10.7 | 19.5 |
| 4           | 1/4"           | 18.0 | 10.7 | 20.5 |
| 6           | 1/8"           | 21.0 | 12.9 | 21.0 |
| 6           | 1/4"           | 21.0 | 12.9 | 24.0 |
| 6           | 3/8"           | 21.0 | 12.9 | 26.0 |
| 8           | 1/4"           | 25.0 | 14.5 | 25.0 |
| 8           | 3/8"           | 25.0 | 14.5 | 26.5 |
| 10          | 3/8"           | 27.5 | 17.4 | 28.5 |

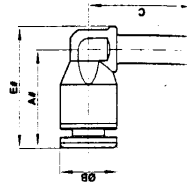


# 90° Swivel elbow adaptor

| O/D<br>Tube | NPTF<br>Thread | A    | B    | C    |
|-------------|----------------|------|------|------|
| 1/8"        | 1/8"           | 18.0 | 10.7 | 20.0 |
| 1/8"        | 1/4"           | 18.0 | 10.7 | 26.0 |
| 5/32"       | 1/8"           | 18.0 | 10.7 | 20.0 |
| 5/32"       | 1/4"           | 18.0 | 10.7 | 26.0 |
| 1/4"        | 1/8"           | 21.0 | 12.9 | 21.0 |
| 1/4"        | 1/4"           | 21.0 | 12.9 | 26.5 |
| 1/4"        | 3/8"           | 21.0 | 12.9 | 28.0 |
| 5/16"       | 1/8"           | 24.5 | 14.5 | 32.2 |
| 5/16"       | 1/4"           | 25.0 | 14.5 | 27.0 |
| 3/8"        | 1/4"           | 27.5 | 17.4 | 29.0 |
| 3/8"        | 3/8"           | 27.5 | 17.4 | 31.0 |
| 3/8"        | 1/2"           | 27.5 | 17.4 | 36.5 |

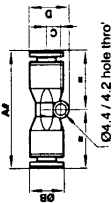
# Stem elbow connector

| O/D<br>Tube | Stem | A    | B    | C    | E    |
|-------------|------|------|------|------|------|
| 4           | 4    | 18.0 | 10.7 | 21.0 | 22.5 |
| 6           | 6    | 21.0 | 12.9 | 24.5 | 26.0 |
| 8           | 8    | 25.0 | 14.5 | 27.3 | 31.5 |



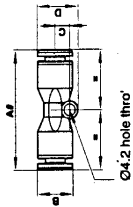
# Straight connector

| O/D<br>Tube | A    | B    | C   | D    |
|-------------|------|------|-----|------|
| 3           | 33,5 | 10,7 | 5,0 | 13,6 |
| 4           | 33,5 | 10,7 | 5,0 | 13,6 |
| 6           | 39,0 | 12,9 | 6,0 | 15,7 |
| 8           | 43,5 | 14,5 | 7,0 | 17,5 |
| 10          | 48,0 | 17,4 | 8,0 | 20,1 |



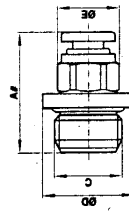
# Straight connector

| O/D<br>Tube | A    | B    | C   | D    |
|-------------|------|------|-----|------|
| 1/8"        | 33,5 | 10,7 | 5,0 | 13,6 |
| 5/32"       | 33,5 | 10,7 | 5,0 | 13,6 |
| 1/4"        | 39,0 | 12,9 | 6,0 | 15,7 |
| 5/16"       | 43,5 | 14,5 | 7,0 | 17,5 |
| 3/8"        | 48,0 | 17,4 | 8,1 | 20,1 |



# Straight adaptor

| O/D<br>Tube Thread | A    | C    | D    | E    |
|--------------------|------|------|------|------|
| 4 M3               | 19,2 | M3   | 1,5  | 10,6 |
| 4 M5               | 21,2 | M5   | 2,5  | 10,6 |
| 4 1/8"             | 18,7 | 1/8" | 13,8 | 12,0 |
| 4 1/4"             | 21,5 | 1/4" | 17,8 | 12,0 |
| 6 M5               | 24,6 | M5   | 2,5  | 12,6 |
| 6 1/8"             | 24,1 | 1/8" | 13,8 | 14,0 |
| 6 1/4"             | 23,1 | 1/4" | 17,8 | 14,0 |
| 8 1/8"             | 27,0 | 1/8" | 13,8 | 16,0 |
| 8 1/4"             | 25,0 | 1/4" | 17,8 | 16,0 |
| 8 3/8"             | 25,0 | 3/8" | 21,7 | 16,0 |
| 8 1/2"             | 27,5 | 1/2" | 25,7 | 16,0 |
| 10 1/8"            | 28,1 | 1/8" | 13,8 | 21,0 |
| 10 1/4"            | 31,1 | 1/4" | 17,8 | 21,0 |
| 10 3/8"            | 28,1 | 3/8" | 21,7 | 21,0 |
| 10 1/2"            | 30,1 | 1/2" | 25,7 | 21,0 |



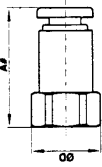
# Straight adaptor

| O/D<br>Tube Thread | A    | C    | E    |
|--------------------|------|------|------|
| 4 M3               | 19,2 | M3   | 1,5  |
| 4 M5               | 21,2 | M5   | 2,5  |
| 4 1/8"             | 18,7 | 1/8" | 13,8 |
| 4 1/4"             | 21,5 | 1/4" | 17,8 |
| 6 M5               | 24,6 | M5   | 2,5  |
| 6 1/8"             | 24,1 | 1/8" | 13,8 |
| 6 1/4"             | 23,1 | 1/4" | 17,8 |
| 8 1/8"             | 27,0 | 1/8" | 13,8 |
| 8 1/4"             | 25,0 | 1/4" | 17,8 |
| 8 3/8"             | 25,0 | 3/8" | 21,7 |
| 8 1/2"             | 27,5 | 1/2" | 25,7 |
| 10 1/8"            | 28,1 | 1/8" | 13,8 |
| 10 1/4"            | 31,1 | 1/4" | 17,8 |
| 10 3/8"            | 28,1 | 3/8" | 21,7 |
| 10 1/2"            | 30,1 | 1/2" | 25,7 |



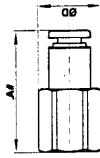
# Female straight adaptor

| Pf<br>BSPP<br>Female | A    | D    |
|----------------------|------|------|
| 4 M5                 | 22,5 | 12,0 |
| 4 1/8"               | 25,2 | 14,0 |
| 4 1/4"               | 29,7 | 18,5 |
| 6 1/8"               | 27,1 | 14,0 |
| 6 1/4"               | 31,6 | 18,5 |
| 8 1/8"               | 29,1 | 16,0 |
| 8 1/4"               | 34,1 | 18,5 |
| 8 1/4"               | 29,5 | 21,0 |
| 8 3/8"               | 29,5 | 21,0 |



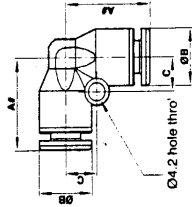
# Female straight adaptor

| O/D<br>Tube Thread | A    | D    |
|--------------------|------|------|
| 1/8"               | 28,2 | 15,8 |
| 1/8"               | 35,2 | 17,0 |
| 5/32"              | 28,2 | 15,8 |
| 5/32"              | 35,2 | 17,0 |
| 1/4"               | 31,6 | 15,8 |
| 1/4"               | 38,1 | 17,0 |
| 5/16"              | 33,0 | 17,0 |
| 5/16"              | 40,5 | 17,0 |
| 3/8"               | 41,1 | 21,0 |
| 3/8"               | 42,1 | 24,0 |



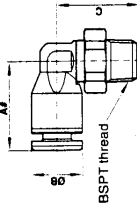
# Elbow connector

| O/D<br>Tube | A    | B    | C    |
|-------------|------|------|------|
| 3           | 18,0 | 10,7 | 6,5  |
| 4           | 18,0 | 10,7 | 6,5  |
| 6           | 21,0 | 12,9 | 7,7  |
| 8           | 25,0 | 14,5 | 7,25 |
| 10          | 27,5 | 17,4 | 8,35 |



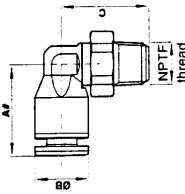
# 90° Swivel elbow adaptor

| O/D<br>Tube Thread | A    | B    | C    |
|--------------------|------|------|------|
| 3 1/8"             | 18,0 | 10,7 | 19,5 |
| 4 1/8"             | 18,0 | 10,7 | 19,5 |
| 4 1/4"             | 18,0 | 10,7 | 20,5 |
| 6 1/8"             | 21,0 | 12,9 | 21,0 |
| 6 1/4"             | 21,0 | 12,9 | 24,0 |
| 6 3/8"             | 21,0 | 12,9 | 26,0 |
| 8 1/4"             | 25,0 | 14,5 | 25,0 |
| 8 3/8"             | 25,0 | 14,5 | 26,5 |
| 10 3/8"            | 27,5 | 17,4 | 28,5 |



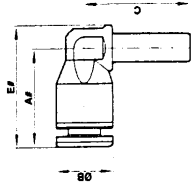
# 90° Swivel elbow adaptor

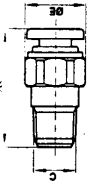
| O/D<br>Tube Thread | A    | B    | C    |
|--------------------|------|------|------|
| 1/8"               | 18,0 | 10,7 | 20,0 |
| 1/8"               | 18,0 | 10,7 | 26,0 |
| 5/32"              | 18,0 | 10,7 | 20,0 |
| 5/32"              | 18,0 | 10,7 | 26,0 |
| 1/4"               | 21,0 | 12,9 | 21,0 |
| 1/4"               | 21,0 | 12,9 | 26,5 |
| 1/4"               | 21,0 | 12,9 | 28,0 |
| 5/16"              | 24,5 | 14,5 | 32,2 |
| 5/16"              | 25,0 | 14,5 | 27,0 |
| 3/8"               | 27,5 | 17,4 | 29,0 |
| 3/8"               | 27,5 | 17,4 | 31,0 |
| 3/8"               | 27,5 | 17,4 | 36,5 |



# Stem elbow connector

| O/D<br>Tube Stem | A    | B    | C    | E    |
|------------------|------|------|------|------|
| 4 4              | 18,0 | 10,7 | 21,0 | 22,5 |
| 6 6              | 21,0 | 12,9 | 24,5 | 26,0 |
| 8 8              | 25,0 | 14,5 | 27,3 | 31,5 |

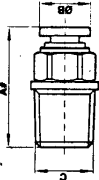




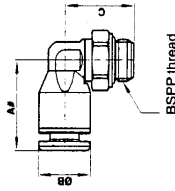
|    |      |      |      |      |           |
|----|------|------|------|------|-----------|
| 4  | 1/4" | 23,2 | 1/4" | 15,0 | C01250428 |
| 6  | 1/8" | 25,1 | 1/8" | 14,0 | C01250618 |
| 6  | 1/4" | 23,1 | 1/4" | 15,0 | C01250628 |
| 8  | 1/8" | 28,6 | 1/8" | 16,0 | C01250818 |
| 8  | 1/4" | 26,1 | 1/4" | 16,0 | C01250828 |
| 8  | 3/8" | 26,1 | 3/8" | 18,5 | C01250838 |
| 8  | 1/2" | 31,6 | 1/2" | 24,0 | C01250848 |
| 10 | 1/8" | 30,1 | 1/8" | 21,0 | C01251018 |
| 10 | 1/4" | 32,1 | 1/4" | 21,0 | C01251028 |
| 10 | 3/8" | 29,6 | 3/8" | 21,0 | C01251038 |
| 10 | 1/2" | 33,1 | 1/2" | 24,0 | C01251048 |

Straight adaptor

| O/D   | UNF   | Thread | A    | B    | C         |
|-------|-------|--------|------|------|-----------|
| 1/8"  | 10-32 | 21,2   | 10,7 | 10,6 | C24250110 |
| 5/32" | 10-32 | 21,2   | 10,7 | 10,6 | C24250210 |
| 1/4"  | 10-32 | 24,1   | 12,9 | 12,6 | C24250410 |



| O/D   | NPTF  | Thread | A    | B     | C         |
|-------|-------|--------|------|-------|-----------|
| 1/8"  | 1/16" | 21,7   | 10,7 | 1/16" | C24250116 |
| 1/8"  | 1/8"  | 20,2   | 10,7 | 1/8"  | C24250118 |
| 1/8"  | 1/4"  | 25,7   | 10,7 | 1/4"  | C24250128 |
| 5/32" | 1/8"  | 21,2   | 10,7 | 1/8"  | C24250218 |
| 5/32" | 1/4"  | 25,7   | 10,7 | 1/4"  | C24250228 |
| 1/4"  | 1/8"  | 26,1   | 12,9 | 1/8"  | C24250418 |
| 1/4"  | 1/4"  | 27,6   | 12,9 | 1/4"  | C24250428 |
| 1/4"  | 3/8"  | 27,6   | 12,9 | 3/8"  | C24250438 |
| 5/16" | 1/8"  | 29,5   | 14,5 | 1/8"  | C24250518 |
| 5/16" | 1/4"  | 29,5   | 14,5 | 1/4"  | C24250528 |
| 5/16" | 3/8"  | 27,5   | 14,5 | 3/8"  | C24250538 |
| 3/8"  | 1/8"  | 31,1   | 17,6 | 1/8"  | C24250618 |
| 3/8"  | 1/4"  | 34,6   | 17,6 | 1/4"  | C24250628 |
| 3/8"  | 3/8"  | 30,1   | 17,6 | 3/8"  | C24250638 |
| 3/8"  | 1/2"  | 35,6   | 17,6 | 1/2"  | C24250648 |



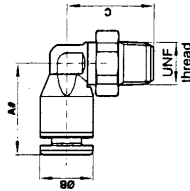
90° Swivel elbow adaptor

| O/D | BSP  | Thread | A    | B    | C         |
|-----|------|--------|------|------|-----------|
| 3   | 1/8" | 18,0   | 10,7 | 20,0 | C02470318 |
| 4   | M5   | 18,0   | 10,7 | 17,5 | C02470405 |
| 4   | 1/8" | 18,0   | 10,7 | 20,0 | C02470418 |
| 4   | 1/4" | 18,0   | 10,7 | 23,0 | C02470428 |
| 6   | M5   | 21,0   | 12,9 | 18,5 | C02470605 |
| 6   | 1/8" | 21,0   | 12,9 | 20,5 | C02470618 |
| 6   | 1/4" | 21,0   | 12,9 | 23,5 | C02470628 |
| 8   | 1/4" | 25,0   | 14,5 | 25,5 | C02470828 |
| 8   | 3/8" | 25,0   | 14,5 | 26,5 | C02470838 |
| 10  | 3/8" | 27,5   | 17,4 | 28,5 | C02471038 |

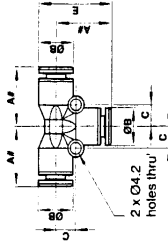


90° Swivel elbow adaptor

| O/D   | UNF   | Thread | A    | B    | C         |
|-------|-------|--------|------|------|-----------|
| 1/8"  | 10-32 | 18,0   | 10,7 | 17,5 | C24470110 |
| 5/32" | 10-32 | 18,0   | 10,7 | 17,5 | C24470210 |
| 1/4"  | 10-32 | 21,0   | 12,9 | 18,5 | C24470410 |



| 5/16" | 25,0 | 14,5 | 7,25 | C20400500 |
|-------|------|------|------|-----------|
| 3/8"  | 27,5 | 17,4 | 8,35 | C20400600 |

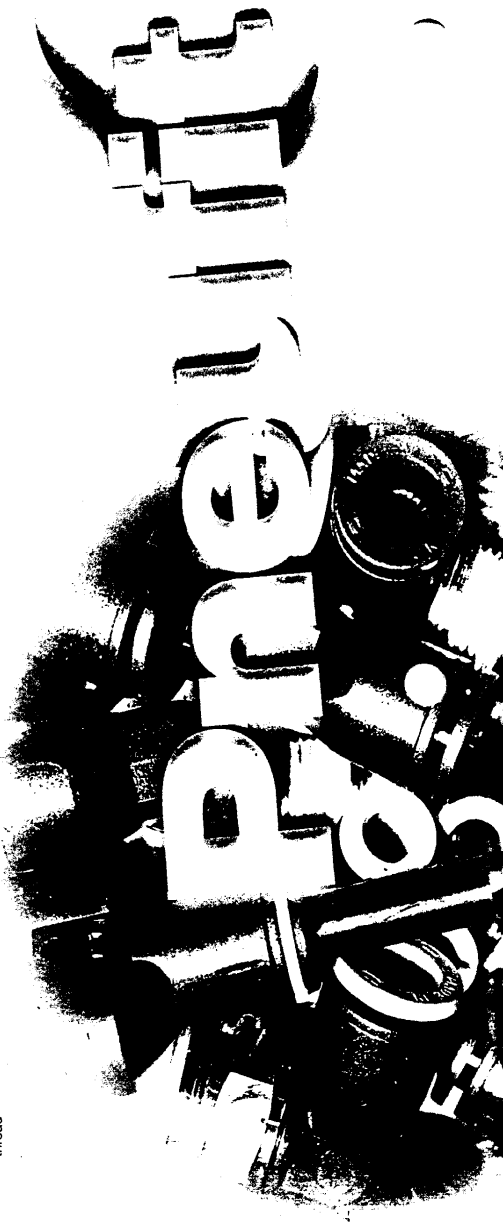


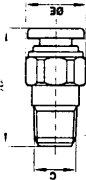
Tee connector

| O/D  | Tube | Stem | A    | B    | C    | E         |
|------|------|------|------|------|------|-----------|
| 1/4" | 1/4" | 21,0 | 12,9 | 24,5 | 26,0 | C20430400 |

| O/D | Tube | A    | B    | C    | E         |
|-----|------|------|------|------|-----------|
| 3   | 18,0 | 10,7 | 6,5  | 23,5 | C00600300 |
| 4   | 18,0 | 10,7 | 6,5  | 23,5 | C00600400 |
| 6   | 21,0 | 12,9 | 7,7  | 27,5 | C00600600 |
| 8   | 25,0 | 14,5 | 7,25 | 32,5 | C00600800 |
| 10  | 27,5 | 17,4 | 8,35 | 36,5 | C00601000 |

| O/D   | Tube | A    | B    | C    | E         |
|-------|------|------|------|------|-----------|
| 1/8"  | 18,0 | 10,7 | 6,5  | 23,5 | C20600100 |
| 5/32" | 18,0 | 10,7 | 6,5  | 23,5 | C20600200 |
| 1/4"  | 21,0 | 12,9 | 7,7  | 27,5 | C20600400 |
| 5/16" | 25,0 | 14,5 | 7,25 | 32,5 | C20600500 |
| 3/8"  | 27,5 | 17,4 | 8,35 | 36,5 | C20600600 |

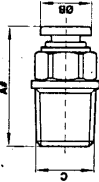




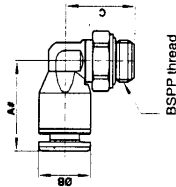
|    |      |      |      |      |           |
|----|------|------|------|------|-----------|
| 4  | 1/4" | 23.2 | 1/4" | 15.0 | C01250428 |
| 6  | 1/8" | 25.1 | 1/8" | 14.0 | C01250618 |
| 6  | 1/4" | 23.1 | 1/4" | 15.0 | C01250628 |
| 8  | 1/8" | 28.6 | 1/8" | 16.0 | C01250818 |
| 8  | 1/4" | 26.1 | 1/4" | 16.0 | C01250828 |
| 8  | 3/8" | 26.1 | 3/8" | 18.5 | C01250838 |
| 8  | 1/2" | 31.6 | 1/2" | 24.0 | C01250848 |
| 10 | 1/8" | 30.1 | 1/8" | 21.0 | C01251018 |
| 10 | 1/4" | 32.1 | 1/4" | 21.0 | C01251028 |
| 10 | 3/8" | 29.6 | 3/8" | 21.0 | C01251038 |
| 10 | 1/2" | 33.1 | 1/2" | 24.0 | C01251048 |

#### Straight adaptor

| O/D   | UNF   | Thread | A    | B    | C         |
|-------|-------|--------|------|------|-----------|
| 1/8"  | 10-32 | 21.2   | 10.7 | 10.6 | C24250110 |
| 5/32" | 10-32 | 21.2   | 10.7 | 10.6 | C24250210 |
| 1/4"  | 10-32 | 24.1   | 12.9 | 12.6 | C24250410 |

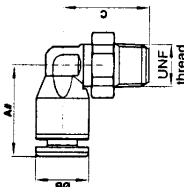


| O/D   | NPTF  | Thread | A    | B     | C         |
|-------|-------|--------|------|-------|-----------|
| 1/8"  | 1/16" | 21.7   | 10.7 | 1/16" | C24250116 |
| 1/8"  | 1/8"  | 20.2   | 10.7 | 1/8"  | C24250118 |
| 1/8"  | 1/4"  | 25.7   | 10.7 | 1/4"  | C24250128 |
| 5/32" | 1/8"  | 21.2   | 10.7 | 1/8"  | C24250218 |
| 5/32" | 1/4"  | 25.7   | 10.7 | 1/4"  | C24250228 |
| 1/4"  | 1/8"  | 26.1   | 12.9 | 1/8"  | C24250418 |
| 1/4"  | 1/4"  | 27.6   | 12.9 | 1/4"  | C24250428 |
| 1/4"  | 3/8"  | 27.6   | 12.9 | 3/8"  | C24250438 |
| 5/16" | 1/8"  | 29.5   | 14.5 | 1/8"  | C24250518 |
| 5/16" | 1/4"  | 29.5   | 14.5 | 1/4"  | C24250528 |
| 5/16" | 3/8"  | 27.5   | 14.5 | 3/8"  | C24250538 |
| 3/8"  | 1/8"  | 31.1   | 17.6 | 1/8"  | C24250618 |
| 3/8"  | 1/4"  | 34.6   | 17.6 | 1/4"  | C24250628 |
| 3/8"  | 3/8"  | 30.1   | 17.6 | 3/8"  | C24250638 |
| 3/8"  | 1/2"  | 35.6   | 17.6 | 1/2"  | C24250648 |



#### 90° Swivel elbow adaptor

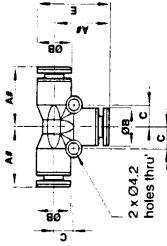
| O/D | BSP  | Thread | A    | B    | C         |
|-----|------|--------|------|------|-----------|
| 3   | 1/8" | 18.0   | 10.7 | 20.0 | C02470318 |
| 4   | M5   | 18.0   | 10.7 | 17.5 | C02470405 |
| 4   | 1/8" | 18.0   | 10.7 | 20.0 | C02470418 |
| 4   | 1/4" | 18.0   | 10.7 | 23.0 | C02470428 |
| 6   | M5   | 21.0   | 12.9 | 18.5 | C02470605 |
| 6   | 1/8" | 21.0   | 12.9 | 20.5 | C02470618 |
| 6   | 1/4" | 21.0   | 12.9 | 23.5 | C02470628 |
| 8   | 1/4" | 25.0   | 14.5 | 25.5 | C02470828 |
| 8   | 3/8" | 25.0   | 14.5 | 26.5 | C02470838 |
| 10  | 3/8" | 27.5   | 17.4 | 28.5 | C02471038 |



#### 90° Swivel elbow adaptor

| O/D   | UNF   | Thread | A    | B    | C         |
|-------|-------|--------|------|------|-----------|
| 1/8"  | 10-32 | 18.0   | 10.7 | 17.5 | C24470110 |
| 5/32" | 10-32 | 18.0   | 10.7 | 17.5 | C24470210 |
| 1/4"  | 10-32 | 21.0   | 12.9 | 18.5 | C24470410 |

|       |      |      |      |           |
|-------|------|------|------|-----------|
| 5/16" | 25.0 | 14.5 | 7.25 | C20400500 |
| 3/8"  | 27.5 | 17.4 | 8.35 | C20400600 |



#### Tee connector

| O/D | Tube | A    | B    | C    | E         |
|-----|------|------|------|------|-----------|
| 3   | 18.0 | 10.7 | 6.5  | 23.5 | C00600300 |
| 4   | 18.0 | 10.7 | 6.5  | 23.5 | C00600400 |
| 6   | 21.0 | 12.9 | 7.7  | 27.5 | C00600600 |
| 8   | 25.0 | 14.5 | 7.25 | 32.5 | C00600800 |
| 10  | 27.5 | 17.4 | 8.35 | 36.5 | C00601000 |

| O/D   | Tube | A    | B    | C    | E         |
|-------|------|------|------|------|-----------|
| 1/8"  | 18.0 | 10.7 | 6.5  | 23.5 | C20600100 |
| 5/32" | 18.0 | 10.7 | 6.5  | 23.5 | C20600200 |
| 1/4"  | 21.0 | 12.9 | 7.7  | 27.5 | C20600400 |
| 5/16" | 25.0 | 14.5 | 7.25 | 32.5 | C20600500 |
| 3/8"  | 27.5 | 17.4 | 8.35 | 36.5 | C20600600 |

