

PUSH-ON TUBE FITTINGS 24 Series

Metric Ø 4/2,5 mm to 15/12,5 mm OD/ID tube



Ideal for use on vacuum systems.
 For simple and quick connection of pneumatic circuits.
 Neat, compact design.
 Precision machined for complete reliability.
 Corrosion resistant.
 Unique barb shape ensures good grip on tube even if fitting is tightened by hand.
 Ideal for use in confined spaces where tight bend radii are required.
 Tubing nuts included.

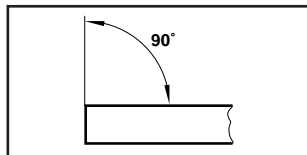
TECHNICAL DATA

Medium:
 Compressed air.
Operating pressure:
 Vacuum: -15 bar
 (dependant on tube operating specification)
Ambient temperature:
 -18°C to +70°C.
Tube sizes:
 4/2,5 mm, 5/3 mm, 6/4 mm, 8/6 mm, 10/8 mm, 12/10 mm, 15/12,5 mm OD/ID
Tube types:
 Nylon 11 & 12, polyurethane.

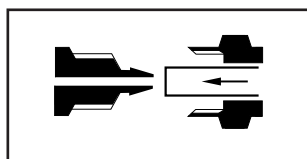
MATERIALS

Nut and body: Nickel plated brass to OT58 UNI 5705
 'O' ring: NBR 70
 Sealing washer: Polyamide 66

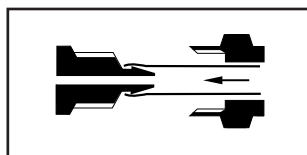
METHOD OF ASSEMBLY



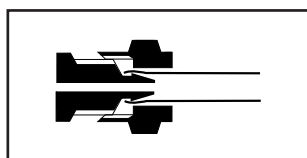
1. Ensure that the end of the tube is cut square and is free from burrs.



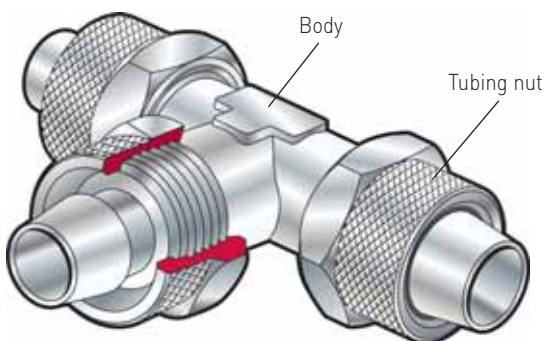
2. Place the knurled nut over the tube.



3. Push the tube over the barbed end of the fitting up to the tube stop.



4. Screw the knurled nut onto the fitting until finger tight. The hexagon on the nut is to aid release.



For further information



www.norgren.com/info/nec/en217

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Straight male adaptor

O/D I/D tube	Male BSPT	
4/2,5	R1/8	241250418
5/3	R1/8	241250518
6/4	R1/8	241250618
6/4	R1/4	241250628
6/4	R3/8	241250638
8/6	R1/8	241250818
8/6	R1/4	241250828
8/6	R3/8	241250838
8/6	R1/2	241250848
10/8	R1/8	241251018
10/8	R1/4	241251028
10/8	R3/8	241251038
10/8	R1/2	241251048
12/10	R3/8	241251238
12/10	R1/2	241251248
15/12,5	R1/2	241251548



Straight connector

O/D I/D tube	O/D I/D tube	
4/2,5	-	240200400
5/3	-	240200500
6/4	-	240200600
6/4	5/3	240200605
8/6	-	240200800
8/6	6/4	240200806
10/8	-	240201000
12/10	-	240201200
15/12,5	-	240201500



Straight male adaptor

O/D I/D tube	Male BSPP	
4/2,5	G1/8A	242250418
5/3	G1/8A	242250518
6/4	G1/8A	242250618
6/4	G1/4A	242250628
6/4	G3/8A	242250638
6/4	G1/2A	242250648
8/6	G1/8A	242250818
8/6	G1/4A	242250828
8/6	G3/8A	242250838
8/6	G1/2A	242250848
10/8	G1/8A	242251018
10/8	G1/4A	242251028
10/8	G3/8A	242251038
10/8	G1/2A	242251048
12/10	G3/8A	242251238
12/10	G1/2A	242251248
15/12,5	G1/2A	242251548

Supplied complete with sealing washer.



Bulkhead connector

O/D I/D tube	
4/2,5	240290400
5/3	240290500
6/4	240290600
8/6	240290800
8/6 x 6/4	240290806
10/8	240291000
12/10	240291200
15/12,5	240291500



Straight male adaptor

O/D I/D tube	Male BSPP	
4/2,5	M5	242250405
5/3	M5	242250505
6/4	M5	242250605

Supplied complete with sealing washer.



Elbow male adaptor

O/D I/D tube	Male BSPT	
4/2,5	1/8	241450418
5/3	1/8	241450518
6/4	1/8	241450618
6/4	1/4	241450628
6/4	3/8	241450638
8/6	1/8	241450818
8/6	1/4	241450828
8/6	3/8	241450838
8/6	1/2	241450848
10/8	1/8	241451018
10/8	1/4	241451028
10/8	3/8	241451038
10/8	1/2	241451048
12/10	3/8	241451238
12/10	1/2	241451248
15/12,5	1/2	241451548



Straight female adaptor

O/D I/D tube	Female BSPP	
6/4	G1/8	242260618
6/4	G1/4	242260628
6/4	G3/8	242260638
8/6	G1/8	242260818
8/6	G1/4	242260828
8/6	G3/8	242260838
8/6	G1/2	242260848
10/8	G1/4	242261028
10/8	G3/8	242261038
10/8	G1/2	242261048



Swivel elbow adaptor

O/D I/D tube	Male BSPP	
6/4	1/8	242470618
6/4	1/4	242470628
8/6	1/8	242470818
8/6	1/4	242470828
10/8	1/4	242471028

Supplied complete with sealing washer.



Elbow female adaptor

O/D I/D tube	Female BSPP	
5/3	G1/8	242460518
6/4	G1/8	242460618
6/4	G1/4	242460628
8/6	G1/8	242460818
8/6	G1/4	242460828
10/8	G1/4	242461028
10/8	G3/8	242461038



Tee connector

O/D I/D tube	
4/2,5	240600400
5/3	240600500
6/4	240600600
8/6	240600800
8/6 - 6/4	240600806
10/8	240601000
10/8 - 6/4	240601006
10/8 - 8/6	240601008
12/10	240601200
15/12,5	240601500



Elbow connector

O/D I/D tube	
4/2,5	240400400
5/3	240400500
6/4	240400600
8/6	240400800
8/6-6/4	240400806
10/8	240401000
12/10	240401200
15/12,5	240401500



Equal cross connector

O/D I/D tube	
6/4	240900600
8/6	240900800
10/8	240901000
12/10	240901200



Tee male adaptor

O/D I/D tube	Male BSPT	
4/2,5	1/8	241650418
5/3	1/8	241650518
6/4	1/8	241650618
6/4	1/4	241650628
8/6	1/8	241650818
8/6	1/4	241650828
10/8	1/8	241651018
10/8	1/4	241651028
10/8	3/8	241651038
12/10	3/8	241651238
15/12,5	1/2	241651548



Tubing nut

O/D I/D tube	
4/2,5	240010400
5/3	240010500
6/4	240010600
8/6	240010800
10/8	240011000
12/10	240011200



Side tee male adaptor

O/D I/D tube	Male BSPT	
5/3	R1/8	241750518
6/4	R1/8	241750618
6/4	R1/4	241750628
8/6	R1/8	241750818
8/6	R1/4	241750828
10/8	R1/8	241751018
10/8	R1/4	241751028
10/8	R3/8	241751038
12/10	R3/8	241751238



Plug

O/D I/D tube	
4/2,5	240050400
6/4	240050600
8/6	240050800

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**Elbow banjo assembly
Non regulating bolt**

O/D I/D tube	Bolt Thread	
4/2,5	M5	24A510405
5/3	M5	24A510505
6/4	M5	24A510605
4/2,5	G1/8A	24A510418
5/3	G1/8A	24A510518
6/4	G1/8A	24A510618
8/6	G1/8A	24A510818
6/4	G1/4A	24A510628
8/6	G1/4A	24A510828
10/8	G1/4A	24A511028
6/4	G3/8A	24A510638
8/6	G3/8A	24A510838
12/10	G3/8A	24A511238
12/10	G1/2A	24A511248

Supplied complete with sealing washer.



**Banjo flow regulator
Regulating out**

O/D I/D tube	Bolt Thread	
4/2,5	M5	24K510405
4/2,5	1/8	24K510418
6/4	M5	24K510605
6/4	1/8	24K510618
6/4	1/4	24K510628
8/6	1/8	24K510818
8/6	1/4	24K510828
10/8	1/4	24K511028



**Tee banjo assembly
Non regulating bolt**

O/D I/D tube	Bolt Thread	
4/2,5	M5	24A710405
4/2,5	G1/8A	24A710418
5/3	M5	24A710505
5/3	G1/8A	24A710518
6/4	M5	24A710605
6/4	G1/8A	24A710618
6/4	G1/4	24A710628
6/4	G3/8A	24A710638
8/6	G1/8A	24A710818
8/6	G1/4A	24A710828
8/6	G3/8A	24A710838
8/6	G1/2A	24A710848
12/10	G3/8A	24A711238
12/10	G1/2A	24A711248

Supplied complete with sealing washer.



**Triple tee banjo assembly
Non regulating bolt**

O/D I/D tube	Bolt Thread	
4/2,5	1/8	24C510418
6/4	1/4	24C510628
8/6	1/4	24C510828
10/8	1/4	24C511028



**Triple tee banjo
Regulating out**

O/D I/D tube	Bolt Thread	
4/2,5	1/8	24C710418
6/4	1/4	24C710628
8/6	1/4	24C710828
10/8	1/4	24C711028



**Double elbow banjo assembly
Non regulating bolt**

O/D I/D tube	Bolt Thread	
4/2,5	G1/8A	24B510418
6/4	G1/8A	24B510618
6/4	G1/4A	24B510628
8/6	G1/4A	24B510828
10/8	G1/4A	24B511028
10/8	G1/2A	24B511048
12/10	G3/8A	24B511238



**Banjo flow regulator
Regulating in**

O/D I/D tube	Bolt Thread	
4/2,5	M5	24L510405
4/2,5	1/8	24L510418
5/3	1/8	24L510518
6/4	1/8	24L510618
8/6	1/8	24L510818
6/4	1/4	24L510628
8/6	1/4	24L510828



**Double tee banjo assembly
Non regulating bolt**

O/D I/D tube	Bolt Thread	
4/2,5	G1/8A	24B710418
6/4	G1/4A	24B710628
8/6	G1/4A	24B710828
10/8	G1/4A	24B711028



**Banjo flow regulator
Bi-directional**

O/D I/D tube	Bolt Thread	
4/2,5	M5	24M510405
5/3	1/8	24M510518
6/4	1/8	24M510618
6/4	1/4	24M510628
8/6	1/4	24M510828