

# PUSH-ON TUBE FITTING 24 Series

Metric  $\varnothing$  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 and 12, polyurethane

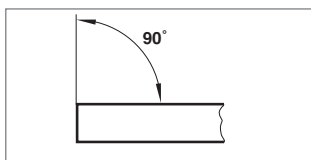
## MATERIALS

**Nut and body:** Nickel plated brass to OT58 UNI 5705

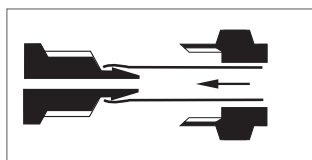
**'O' ring:** NBR 70

**Sealing washer:** Polyamide 66

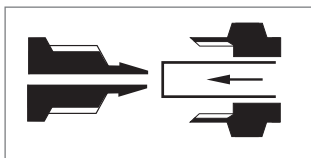
## METHOD OF ASSEMBLY



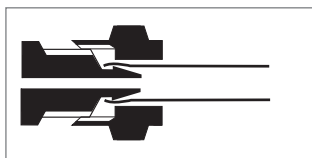
1 Ensure that the end of the tube is cut square and is free from burrs.



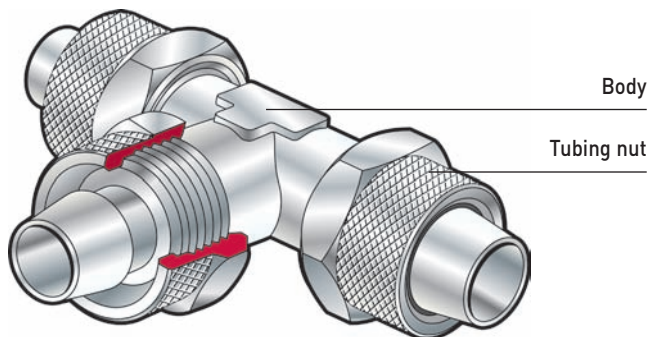
2 Place the knurled nut over the tube.



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



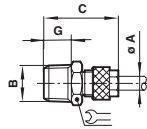
4 Screw the knurled nut onto the fitting until finger tight. The hexagon on the nut is to aid release.



For further information  
[www.norgren.com/info/nec/en254](http://www.norgren.com/info/nec/en254)

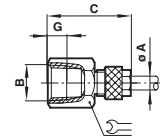
## PUSH-ON TUBE FITTINGS 24 Series

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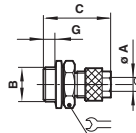
### Straight Male Adaptor

Model No.	O/D I/D Tube (ØA)	Male BSPT (B)	C	G	
241250418	4/2,5	R1/8	23	7,5	12
241250618	6/4	R1/8	25,5	7,5	12
241250628	6/4	R1/4	29,5	11	14
241250638	6/4	R3/8	30	11,5	17
241250818	8/6	R1/8	27	7,5	14
241250828	8/6	R1/4	31	11	14
241250838	8/6	R3/8	31,5	11,5	17
241250848	8/6	R1/2	34	14	22
241251018	10/8	R1/8	29	7,5	14
241251028	10/8	R1/4	33	11	14
241251038	10/8	R3/8	33,5	11,5	17
241251048	10/8	R1/2	36,5	14	22
241251238	12/10	R3/8	35	11,5	17
241251248	12/10	R1/2	38	14	22



### Straight Female Adaptor

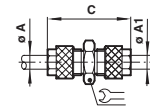
Model No.	O/D I/D Tube (ØA)	Female BSPP (B)	C	G	
242260618	6/4	G1/8	23,5	7,5	14
242260628	6/4	G1/4	27	11	17
242260638	6/4	G3/8	28	11,5	22
242260818	8/6	G1/8	24,5	7,5	14
242260828	8/6	G1/4	28,5	11	17
242260838	8/6	G3/8	29	11,5	22
242260848	8/6	G1/2	33	15	24
242261028	10/8	G1/4	30,5	11	17
242261038	10/8	G3/8	33,5	11,5	22
242261048	10/8	G1/2	35,5	15	24



### Straight Male Adaptor

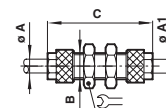
Model No.	O/D I/D Tube (ØA)	Male BSPP (B)	C	G	
242250405	4/2,5	M5	19,5	3	8
242250418	4/2,5	G1/8	21,5	4	13
242250605	6/4	M5	22	3	8
242250618	6/4	G1/8	24	4	13
242250638	6/4	G3/8	19	6	19
242250648	6/4	G1/2	24	7	24
242250818	8/6	G1/8	14	4	14
242250828	8/6	G1/4	17	5	17
242250838	8/6	G3/8	19	6	19
242250848	8/6	G1/2	24	7	24
242251018	10/8	G1/8	14	4	14
242251028	10/8	G1/4	17	5	17
242251038	10/8	G3/8	19	6	19
242251048	10/8	G1/2	24	7	24
242251238	12/10	G3/8	19	6	19
242251248	12/10	G1/2	24	7	24
242251548	15/12,5	G1/2	24	7	24

Supplied complete with sealing washer



### Straight Connector

Model No.	O/D I/D Tube (ØA)	O/D I/D Tube (ØA1)	C	
240200400	4/2,5	4/2,5	27,5	8
240200600	6/4	6/4	32	12
240200806	8/6	6/4	33,5	12
240200800	8/6	8/6	35	12
240201000	10/8	10/8	39	14
240201200	12/10	12/10	43	17



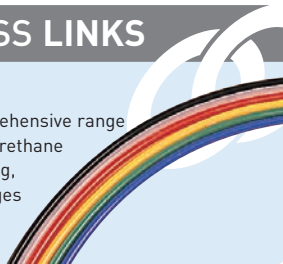
### Bulkhead Connector

Model No.	O/D I/D Tube (ØA)	ØA1	B	C	
240290400	4/2,5	4/2,5	M6x0,5	39,5	9
240290600	6/4	6/4	M10x1	45,5	14
240290806	8/6	6/4	M12x1	47,5	17
240290800	8/6	8/6	M12x1	48,5	17
240291000	10/8	10/8	M14x1	54	17
240291200	12/10	12/10	M16x1	57	19

## EXPRESS LINKS

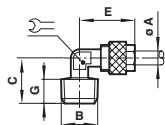
### Tubing...

For our comprehensive range of nylon, polyurethane and weld tubing, please see pages 267 to 269



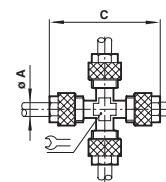
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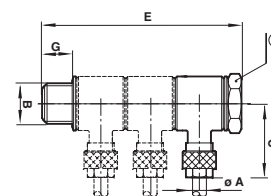
### Elbow Male Adaptor

Model No.	O/D I/D Tube (ØA)	Male BSPT (B)	C	E	G	
241450418	4/2,5	R1/8	15	18,5	7,5	8
241450618	6/4	R1/8	15	18,5	7,5	8
241450628	6/4	R1/4	19	20,5	11	8
241450638	6/4	R3/8	20,5	21	11,5	9
241450818	8/6	R1/8	16,5	20	7,5	9
241450828	8/6	R1/4	19	22	11	9
241450838	8/6	R3/8	21	23,5	11,5	9
241450848	8/6	R1/2	28	23,5	14	16
241451018	10/8	R1/8	18	24	7,5	11
241451028	10/8	R1/4	22	24	11	11
241451038	10/8	R3/8	22	25,5	11,5	11
241451048	10/8	R1/2	16	28	25,5	11
241451238	12/10	R3/8	22,5	27	11,5	13
241451248	12/10	R1/2	28	27	14	16



### Equal Cross Connector

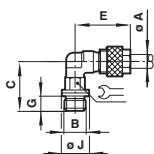
Model No.	O/D I/D Tube (ØA)	C	
240900600	6/4	41,5	8
240900800	8/6	44,5	9
240901000	10/8	51	11
240901200	12/10	58	13



### Elbow Banjo Assembly Non-Regulating Bolt

Model No.	O/D I/D Tube (ØA)	Bolt Thread (B)	C	E	G	
24A510405	4/2,5	M5	16,5	18	4	8
24A510418	4/2,5	G1/8	23,5	27,5	6	14
24A510605	6/4	M5	16,5	18	4	8
24A510618	6/4	G1/8	23,5	27,5	6	14
24A510628	6/4	G1/4	25,5	30	8	17
24A510638	6/4	G3/8	27	30,5	9	19
24A510818	8/6	G1/8	24,5	27,5	6	14
24A510828	8/6	G1/4	27,5	30	8	17
24A510838	8/6	G3/8	27,5	30,5	9	19
24A511028	10/8	G1/4	29,5	30	8	17
24A511238	12/10	G3/8	31,5	30,5	9	19
24A511248	12/10	G1/2	35	31,5	10	24

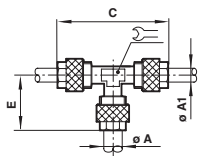
Supplied complete with sealing washer



### Swivel Elbow Adaptor

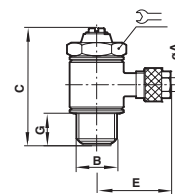
Model No.	O/D I/D Tube (ØA)	Male BSPP (B)	C	E	G	ØJ	
242470618	6/4	G1/8	20	20,5	4	14	14
242470628	6/4	G1/4	22	20,5	5	18	17
242470818	8/6	G1/8	20	21,5	4	14	14
242470828	8/6	G1/4	23	23	5	18	17
242471028	10/8	G1/4	24	24	5	18	17

Supplied complete with sealing washer



### Tee Connector

Model No.	O/D I/D Tube (ØA)	(ØA1)	C	E	
240600400	4/2,5	4/2,5	38,5	19,5	8
240600600	6/4	6/4	41	20,5	8
240600806	8/6	6/4	44	20,5	9
240600800	8/6	8/6	44	22	9
240601006	10/8	6/4	51	20,5	11
240601008	10/8	8/6	51	22	11
240601000	10/8	10/8	51	25,5	11
240601200	12/10	12/10	54	28	13



### Banjo Flow Regulator Regulating Out

Model No.	O/D I/D Tube (ØA)	Bolt Thread (B)	C	E	G	
24K510405	4/2,5	M5	16,5	24	4	8
24K510418	4/2,5	G1/8	23,5	30,5	6	14
24K510605	6/4	M5	16,5	24	4	8
24K510618	6/4	G1/8	23,5	30,5	6	14
24K510628	6/4	G1/4	25,5	30,5	8	17
24K510818	8/6	G1/8	24,5	30,5	6	14
24K510828	8/6	G1/4	27,5	35,5	8	17
24K511028	10/8	G1/4	29,5	35,5	8	17