

- Very compact units
- Easy tube insertion for rapid assembly of pneumatic circuits
- Positive tube anchorage
- All BSP taper threads pre-coated with non-PTFE based sealant
- Straight adaptors feature internal hexagon for Allen key
- Silicone free 'O'-rings



Technical Data

Medium:

Compressed air

(For other media please consult Technical Department)

Operating Pressure:

Vacuum – 18 bar

(Dependent upon operating specification of tubing)

Vacuum: = –750mm of Hg i.e. 98%

Operating Temperature:

–20°C* to +80°C

(–20°C to +200°C with Viton 'O'-ring - add suffix V)

Tube Sizes

4, 5, 6, 8, 10, 12, 14 mm O/D

Tubing Types:

Nylon 11 or 12, Polyurethane and other plasticised or unplasticised tubing which conforms to the tolerances specified in BS 5409, Part 1, 1976, light and normal duty, DIN 73378, DIN 74234, NFE 49-100

Materials

Nickel plated brass or glass filled nylon for body

Nickel plated brass for collet

Silicone free nitrile rubber 'O' ring (Viton optional)

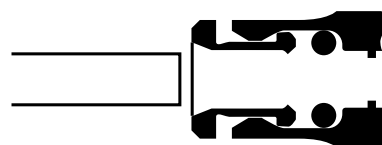
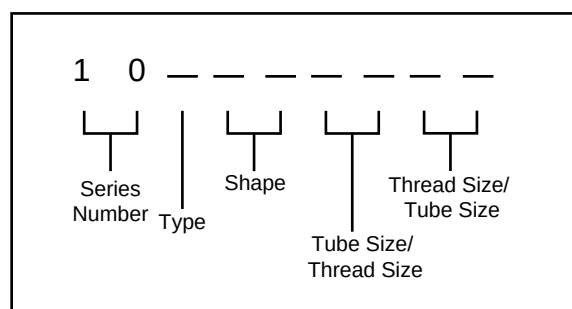
Plastic sealing washer (parallel threads)

Non - PTFE thread sealant (taper threads)

Ordering Information

To order, quote appropriate product number from the tables on the following pages.

Pneufit's new product numbering system is designed to make identification and selection simple:



Warning: The push-in tube fittings in this section must not be used in vehicle air braking systems. For push-in fittings suited to these applications please consult our Technical Service for details.



Straight Connectors and Adaptors

STEM TAILPIECE ADAPTOR stem to hose bore 10019  Page 9.3.001.09	STRAIGHT CONNECTOR tube to tube 10020  Page 9.3.001.04	STRAIGHT STEM CONNECTOR (metal) 10022  Page 9.3.001.09	STRAIGHT STEM CONNECTOR (plastic) 11022  Page 9.3.001.09	REDUCING/EXPANDING CONNECTOR stem to tube 10023  Page 9.3.001.03/04	BULKHEAD CONNECTOR tube to tube 10029  Page 9.3.001.04	MIXED BULKHEAD CONNECTOR pif/compression 10031  Page 9.3.001.04
STRAIGHT STEM ADAPTOR BSP taper 10115  Page 9.3.001.03	STRAIGHT STEM ADAPTOR BSP parallel 10215  Page 9.3.001.03	STRAIGHT STEM ADAPTOR NPTF taper 10415  Page 9.3.001.03	STRAIGHT ADAPTOR BSP taper 10125  Page 9.3.001.04	STRAIGHT ADAPTOR BSP parallel 10225  Page 9.3.001.04	STRAIGHT ADAPTOR NPTF taper 10425  Page 9.3.001.05	FEMALE STRAIGHT ADAPTOR female parallel BSP 10226  Page 9.3.001.05

Elbow Connectors, Adaptors and Banjos

ELBOW CONNECTOR tube to tube 10040  Page 9.3.001.06	STEM ELBOW CONNECTOR stem to tube 10043  Page 9.3.001.05	BULKHEAD SWIVEL ELBOW CONNECTOR tube to tube 10049  Page 9.3.001.06	ELBOW ADAPTOR BSP taper 10145  Page 9.3.001.06	90° SWIVEL ELBOW ADAPTOR BSP taper 10147  Page 9.3.001.05	90° SWIVEL ELBOW ADAPTOR BSP parallel 10247  Page 9.3.001.05	EXTENDED SWIVEL ELBOW ADAPTOR BSP taper 10154  Page 9.3.001.06
45° SWIVEL ELBOW ADAPTOR BSP parallel 10257  Page 9.3.001.05	ELBOW BANJO ASSEMBLY non-Regulating BSP parallel 10A51  Page 9.3.001.012	ELBOW BANJO ASSEMBLY regulating-out BSP parallel 10K51  Page 9.3.001.012	ELBOW BANJO ASSEMBLY regulating-out BSP taper 10TA0  Page 9.3.001.013			

Tee Connectors, Adaptors and Banjos, 'Y' Connectors and Adaptors, 4-way Connectors

TEE CONNECTOR tube x 3 10060  Page 9.3.001.06	TEE ADAPTOR BSP taper 10165  Page 9.3.001.06	SWIVEL TEE ADAPTOR BSP taper 10167  Page 9.3.001.07	SWIVEL TEE ADAPTOR BSP parallel 10267  Page 9.3.001.07	TEE BANJO ASSEMBLY non-regulating parallel thread 10A71  Page 9.3.001.012	FIXED SIDE TEE ADAPTOR BSP taper 10175  Page 9.3.001.07	SWIVEL TEE ADAPTOR BSP taper 10168  Page 9.3.001.07
SWIVEL TEE ADAPTOR BSP parallel 10268  Page 9.3.001.07	'Y' CONNECTOR tube x 3 10082  Page 9.3.001.08	'Y' STEM CONNECTOR 10084  Page 9.3.001.08	PARALLEL 'Y' ADAPTOR BSP taper 10188  Page 9.3.001.08	PARALLEL 'Y' ADAPTOR BSP parallel 10288  Page 9.3.001.08	4-WAY CONNECTOR tube x 4 10090  Page 9.3.001.07	

Banjo Bodies and Bolts

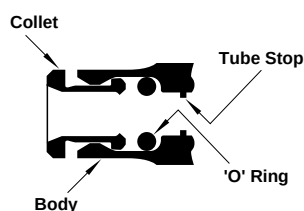
ELBOW BANJO BODY 10051  Page 9.3.001.010	TEE BANJO BODY 10071  Page 9.3.001.010	BANJO BOLT non-regulating single stacking BSP parallel 20A00  Page 9.3.001.011	BANJO BOLT non-regulating double stacking BSP parallel 20B00  Page 9.3.001.011	BANJO BOLT non-regulating triple stacking BSP parallel 20C00  Page 9.3.001.011	BANJO BOLT non-regulating single stacking with top port BSP parallel 20*00  Page 9.3.001.011	BANJO BOLT regulating single stacking BSP parallel 20*00  Page 9.3.001.010
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Accessories, Manifolds

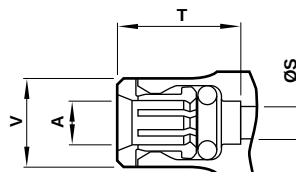
PRESSURE INDICATOR Panel mounted 10009  Page 9.3.001.09	PRESSURE INDICATOR plug in 10010  Page 9.3.001.09	SILENCER plug in 10011  Page 9.3.001.09	PLUG (acetal) 11004  Page 9.3.001.09	BANJO BOLT non-regulating with test point single stacking BSP parallel 20J00  Page 9.3.001.011	MANIFOLD tube x 8 100D6  Page 9.3.001.08	MANIFOLD BSP Taper 101D6  Page 9.3.001.08
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Assembly Details



Typical Dimensions

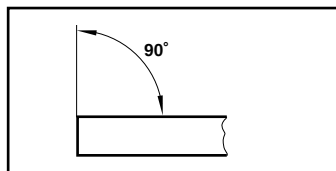


A O/D tube	S†	T* tubing stop	V
4	2,8	14,0	7,5
5	3,4	15,0	10,0
6	4,4	15,5	11,0
8	6,0	16,5	13,0
10	7,6	21,0	14,5
12	9,6	24,5	18,0
14	11,5	24,5	20,0

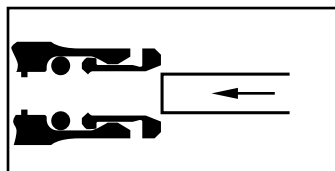
* Dimensions here and in the individual tables refer to the collet being in the 'IN' position.

† Dimensions here (minimum bore diameter) are common per tube size for all Connectors, Elbows and Tees unless otherwise stated.

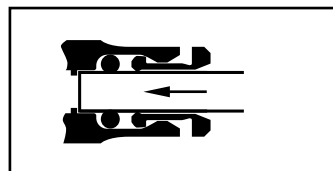
Method of Assembly



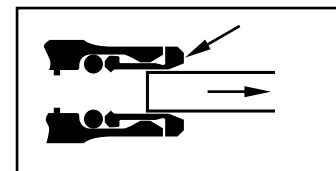
1. Ensure that the end of the tube is cut square and is free from burrs.



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



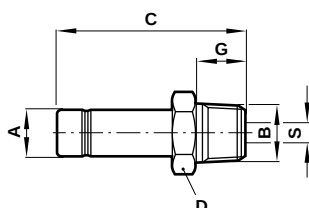
3. Push the tube firmly through the 'O' ring until it bottoms on the tube stop then pull back.



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

Straight Stem Adaptor

O/D tube stem to male taper BSP thread

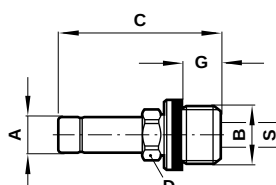


10115

Product number	A O/D stem	B thread BSP	C D A/F	D G	S
101150418	4	1/8	30,0	10	7,7
101150428	4	1/4	33,5	14	11,1
101150518	5	1/8	31,0	11	7,7
101150528	5	1/4	35,0	14	11,1
101150618	6	1/8	32,0	12	7,7
101150628	6	1/4	35,0	14	11,1
101150818	8	1/8	33,0	14	7,7
101150828	8	1/4	36,5	14	11,1
101150838	8	3/8	40,0	19	12,7
101151028	10	1/4	40,0	15	11,1
101151038	10	3/8	45,0	19	12,7
101151048	10	1/2	48,0	22	15,9
101151238	12	3/8	48,0	19	12,7
101151248	12	1/2	51,5	22	15,9
101151448	14	1/2	51,4	22	15,9

Straight Stem Adaptor

O/D tube stem to male parallel BSP thread



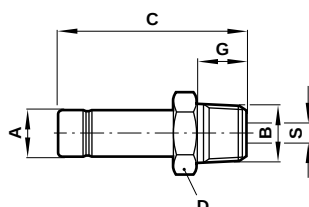
10215

Product number	A O/D stem	B thread BSP	C D A/F	D G	S
102150418	4	1/8	29,0	8	4,9
102150428	4	1/4	33,0	10	7,5
102150518	5	1/8	30,5	8	4,9
102150528	5	1/4	34,0	10	7,5
102150618	6	1/8	31,0	8	4,9
102150628	6	1/4	34,5	10	7,5
102150818	8	1/8	32,5	10	4,9
102150828	8	1/4	35,5	10	7,5
102150838	8	3/8	39,0	13	8,9
102151028	10	1/4	41,5	13	7,5
102151038	10	3/8	43,5	13	8,9
102151048	10	1/2	49,0	17	12,2
102151238	12	3/8	48,5	17	8,9
102151248	12	1/2	52,5	17	12,2
102151438	14	3/8	48,5	17	8,9
102151448	14	1/2	52,5	17	12,2

Supplied Complete with Sealing Washer

Straight Stem Adaptor

O/D tube stem to male taper NPTF thread

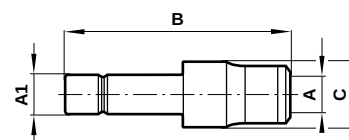


10415

Product number	A O/D stem	B thread NPTF	C D A/F	D G	S
104150418	4	1/8	31,8	1/16	9,5
104150428	4	1/4	36,7	9/16	14,3
104150518	5	1/8	33,3	1/16	9,5
104150528	5	1/4	38,2	9/16	14,3
104150618	6	1/8	33,7	1/16	9,5
104150628	6	1/4	38,6	9/16	14,3
104150818	8	1/8	34,8	1/16	9,5
104150828	8	1/4	39,6	9/16	14,3
104151028	10	1/4	44,1	1/16	14,3
104151038	10	3/8	46,1	11/16	14,3
104151048	10	1/2	51,1	7/8	19,0
104151238	12	3/8	49,6	11/16	14,3
104151248	12	1/2	54,6	7/8	19,0

Reducing Connector

O/D tube stem to O/D tube



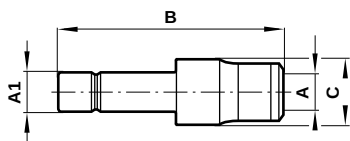
10023

Product number	A1 O/D stem	A O/D tube	B	C
100230504	5	4	33,4	10,0
100230604	6	4	33,9	10,0
100230605	6	5	35,2	11,0
100230804	8	4	30,9	10,0
100230805	8	5	33,2	11,0
100230806	8	6	36,7	12,0
100231004	10	4	30,9	12,0
100231005	10	5	36,7	12,0
100231006	10	6	37,7	12,0
100231008	10	8	38,2	14,0
100231204	12	4	34,9	14,0
100231205	12	5	35,2	14,0
100231206	12	6	35,2	14,0
100231208	12	8	42,2	14,0
100231210	12	10	50,2	17,0
100231406	14	6	36,7	16,0
100231408	14	8	37,7	16,0
100231410	14	10	46,7	17,0
100231412	14	12	53,7	20,5



Expanding Connector

O/D tube stem to O/D tube

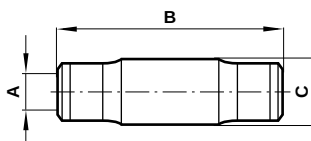


10023

Product number	A1 O/D stem	A O/D tube	B	C
100230406	4	6	35,2	12,0
100230608	6	8	37,7	14,0

Straight Connector

O/D tube to O/D tube

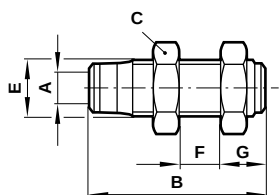


10020

Product number	A O/D tube	B	C
100200400	4	29,8	10,0
100200500	5	31,9	11,0
100200600	6	33,4	12,0
100200800	8	35,4	14,0
100201000	10	44,4	17,0
100201200	12	51,4	20,5
100201400	14	52,4	21,0

Bulkhead Connector

O/D tube to O/D tube



10029

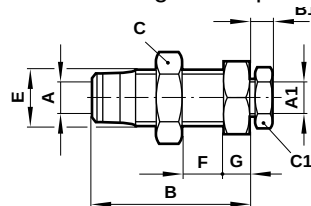
Product number	A O/D tube	B	C A/F	E thread	F	G
100290400	4	29,8	14	M10x1,0	12	8,9
100290500	5	31,9	17	M12x1,0	14	9,2
100290600	6	35,4	19	M14x1,5	15	10,2
100290800	8	36,4	22	M16x1,5	16	10,2
100291000	10	43,4	27	M20x1,5	14	11,2
100291200	12	50,4	30	M24x1,5	15	11,2
100291400	14	50,4	30	M24x1,5	15	11,2

Fitting is supplied complete.
Additional locknuts may be ordered separately.

Mixed Bulkhead Connector

Push-in fitting to compression fitting

10031

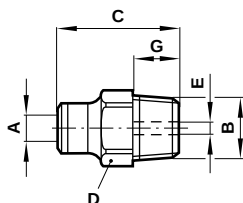


Fitting is supplied complete.
Additional locknuts may be ordered separately.
(Nut and sleeve are for 36 Series fittings.)

Product number	A O/D tube	A1 O/D tube	B	B1	C A/F	C1	E thread	F	G
100310404	4	4	26,9	6,0	17	8	M12x1,0	9,5	17
100310606	6	6	29,7	7,0	22	13	M15x1,0	9,5	19
100310808	8	8	33,7	8,0	24	13	M18x1,5	11,2	22
100311010	10	10	40,2	8,0	27	17	M20x1,5	14,3	27
100311212	12	12	44,2	9,0	30	19	M24x1,5	17,5	30
100311414	14	14	46,2	11,5	32	22	M26x1,5	18,5	32

Straight Adaptor

O/D tube to male taper BSP thread

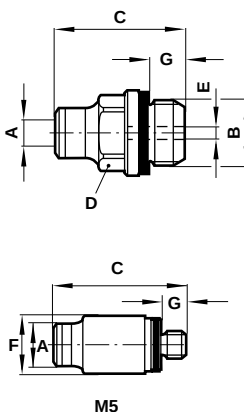


10125

Product number	A O/D tube	B thread	C	D A/F	E A/F	G
101250418	4	1/8	20,5	10,0	3	7,7
101250428	4	1/4	23,0	14,0	3	11,1
101250518	5	3/8	22,7	10,0	4	7,7
101250528	5	1/2	23,2	14,0	4	11,1
101250618	6	1/2	23,2	11,0	4	7,7
101250628	6	3/4	25,2	14,0	4	11,1
101250818	8	1/2	26,7	13,0	5	7,7
101250828	8	3/4	28,2	14,0	6	11,1
101250838	8	3/8	27,2	17,0	6	12,7
101250848	8	1/2	29,2	22,0	6	15,9
101251018	10	1/2	31,7	17,0	5	7,7
101251028	10	3/4	34,2	17,0	7	11,1
101251038	10	3/8	34,2	17,0	8	12,7
101251048	10	1/2	33,7	22,0	8	15,9
101251228	12	3/4	39,2	22,0	7	11,1
101251238	12	3/8	39,7	22,0	10	12,7
101251248	12	1/2	40,2	22,0	10	15,9
101251438	14	3/8	39,7	22,0	10	12,7
101251448	14	1/2	40,2	22,0	10	15,9

Straight Adaptor

O/D tube to male metric or parallel BSP thread



10225

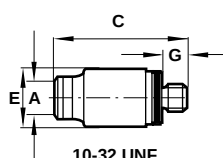
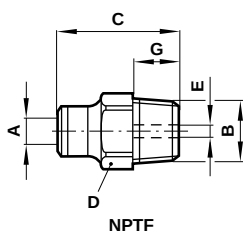
Product number	A O/D tube	B thread	C	D A/F	E A/F	F	G
102250405	4	M5x0,8	21,3	—	2,5	9	3,4
102250418	4	1/8	19,0	10	3	—	4,9
102250428	4	1/4	21,5	10	3	—	7,5
102250505	5	M5x0,8	22,9	—	2,5	10	3,4
102250518	5	3/8	23,7	10	4	—	4,9
102250528	5	1/4	22,2	12	4	—	7,5
102250605	6	M5x0,8	23,8	—	2,5	11	3,4
102250618	6	1/8	25,2	11	4	—	4,9
102250628	6	1/4	23,7	13	4	—	7,5
102250818	8	1/8	26,7	13	5	—	4,9
102250828	8	1/4	28,2	14	6	—	7,5
102250838	8	3/8	26,2	17	6	—	8,9
102250848	8	1/2	31,7	17	6	—	12,2
102251018	10	1/8	32,2	17	5	—	4,9
102251028	10	1/4	33,7	17	7	—	7,5
102251038	10	3/8	32,2	19	8	—	8,9
102251048	10	1/2	32,2	19	8	—	12,2
102251228	12	1/4	37,7	22	7	—	7,5
102251238	12	3/8	38,2	22	10	—	8,9
102251248	12	1/2	37,2	22	10	—	12,2
102251438	14	3/8	38,2	22	10	—	8,9
102251448	14	1/2	37,2	22	10	—	12,2

Supplied Complete with Sealing Washer



Straight Adaptor

O/D tube to male taper
NPTF thread



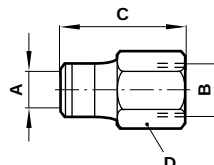
Supplied complete with sealing washer.

10425

Product number	A O/D tube	B thread	C	D A/F	E A/F	G
104250418	4	1/8	22,7	7/16	3/32	9,5
104250428	4	1/4	26,5	9/16	1/8	14,25
104250518	5	1/8	24,5	7/16	5/32	9,5
104250528	5	1/4	26,3	9/16	5/32	14,25
104250610	6	10/32	24,0		11	3,4
104250618	6	1/8	25,0	7/16	5/32	9,5
104250628	6	1/4	28,3	9/16	5/32	14,25
104250638	6	3/8	27,2	11/16	5/32	14,25
104250818	8	1/8	28,5	7/16	3/16	9,5
104250828	8	1/4	31,1	9/16	1/4	14,25
104250838	8	3/8	31,1	11/16	1/4	14,25
104251018	10	1/8	33,5	11/16	3/16	9,5
104251028	10	1/4	37,3	11/16	9/32	14,25
104251038	10	3/8	35,8	11/16	5/16	14,25
104251048	10	1/2	36,8	7/8	5/16	19,05
104251228	12	1/4	42,3	7/8	9/32	14,25
104251238	12	3/8	41,3	7/8	13/32	14,25
104251248	12	1/2	43,3	7/8	13/32	19,05

Straight Adaptor

O/D tube to female
parallel metric or
BSP thread

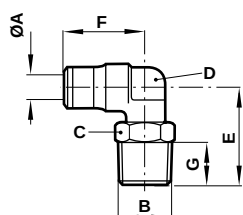


10226

Product number	A O/D tube	B thread	C	D A/F
102260405	4	M5x0,8	22,5	10
102260418	4	1/8	24,4	13
102260428	4	1/4	28,9	17
102260505	5	M5x0,8	23,6	10
102260518	5	1/8	25,7	13
102260528	5	1/4	29,7	17
102260618	6	1/8	26,2	13
102260628	6	1/4	30,7	17
102260818	8	1/8	27,2	13
102260828	8	1/4	31,7	17
102261028	10	1/4	36,7	17
102261038	10	3/8	39,2	19
102261238	12	3/8	41,2	19
102261248	12	1/2	44,7	24

90° Swivel Elbow Adaptor

O/D tube to male taper
BSP thread

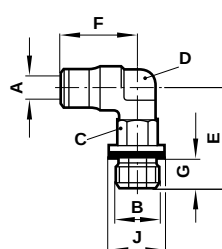


10147

Product number	A O/D tube	B thread BSP	C A/F	D A/F	E	F	G
101470418	4	1/8	10	7,0	20,5	16,9	7,7
101470428	4	1/4	14	7,0	24,1	16,9	11,1
101470518	5	1/8	11	9,0	21,0	18,4	7,7
101470528	5	1/4	14	9,0	24,6	18,4	11,1
101470618	6	1/8	11	9,0	21,5	19,6	7,7
101470628	6	1/4	14	9,0	25,1	19,6	11,1
101470638	6	3/8	17	8,0	27,5	20,2	12,7
101470818	8	1/8	14	11,0	23,0	21,3	7,7
101470828	8	1/4	14	11,0	26,1	21,3	11,1
101470838	8	3/8	17	13,3	30,5	21,8	12,7
101470848	8	1/2	22	13,3	34,5	21,8	15,9
101471018	10	1/8	14	13,3	25,5	26,7	7,7
101471028	10	1/4	17	13,3	28,8	26,7	11,1
101471038	10	3/8	17	13,3	30,5	26,7	12,7
101471048	10	1/2	22	13,3	34,5	26,7	15,9
101471228	12	1/4	19	16,0	31,8	31,7	11,1
101471238	12	3/8	22	16,0	34,2	31,7	12,7
101471248	12	1/2	22	16,0	38,2	31,7	15,9
101471438	14	3/8	22	17,0	33,2	30,7	12,7
101471448	14	1/2	22	17,0	37,0	31,7	15,9

90° Swivel Elbow Adaptor

O/D tube to male metric or
parallel BSP thread



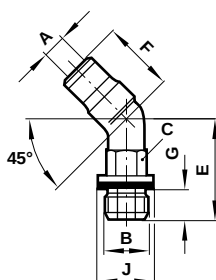
10247

Product number	A O/D tube	B thread	C	D A/F	E	F	G	J
102470405	4	M5 x 0,8	8	7,0	19,0	17,0	3,4	8,0
102470418	4	1/8	11	7,0	21,8	16,9	4,9	13,8
102470428	4	1/4	11	7,0	25,5	16,9	7,5	17,8
102470505	5	M5 x 0,8	8	9,0	20,0	18,4	3,4	8,0
102470518	5	1/8	11	9,0	22,3	18,4	4,9	13,8
102470528	5	1/4	11	9,0	26,0	18,4	7,5	17,8
102470605	6	M5 x 0,8	8	9,0	20,5	19,6	3,4	8,0
102470618	6	1/8	11	9,0	22,8	19,6	4,9	13,8
102470628	6	1/4	11	9,0	26,5	19,6	7,5	17,8
102470818	8	1/8	13	11,0	23,8	21,3	4,9	13,8
102470828	8	1/4	17	11,0	29,1	21,3	7,5	17,8
102470838	8	3/8	19	13,3	33,3	21,8	8,9	21,8
102470848	8	1/2	19	13,3	39,3	21,8	12,2	25,8
102471018	10	1/8	17	13,3	26,3	26,7	4,9	13,8
102471028	10	1/4	17	13,3	31,6	26,7	7,5	17,8
102471038	10	3/8	19	13,3	33,3	26,7	8,9	21,8
102471048	10	1/2	19	13,3	39,3	26,7	12,2	25,8
102471228	12	1/4	19	16,0	35,3	31,7	7,5	17,8
102471238	12	3/8	19	16,0	37,0	31,7	8,9	21,8
102471248	12	1/2	19	16,0	43,0	31,7	12,2	25,8
102471438	14	3/8	19	17,0	36,0	30,7	8,9	21,8
102471448	14	1/2	24	17,0	39,2	31,7	12,2	25,8

Supplied complete with sealing washer.

45° Swivel Adaptor

O/D tube to male parallel BSP thread



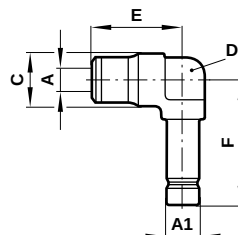
10257

Product number	A O/D tube	B thread BSP	C A/F	E	F	G	J
102570618	6	1/8	11	19,3	17,7	4,9	13,8
102570628	6	1/4	11	23,0	17,7	7,5	17,8
102570818	8	1/8	11	20,6	19,5	4,9	13,8
102570828	8	1/4	17	25,9	19,5	7,5	17,8

Supplied Complete with Sealing Washer

Stem Elbow Connector

O/D tube stem to O/D tube



10043

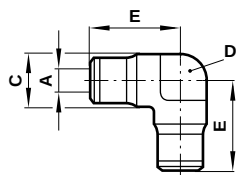
Product number	A O/D tube	A1 O/D stem	C	D A/F	E	F	G
100430400	4	4	10	7	9,4	25,0	17,0
100430600*	6	6	12	9	18,9	27,5	18,5
100430800	8	8	14	-	21,2	29,5	19,5
100430805	8	5	14	-	19,5	30,0	20,0

* Extended stem version=100440600



Elbow Connector

O/D tube to O/D tube



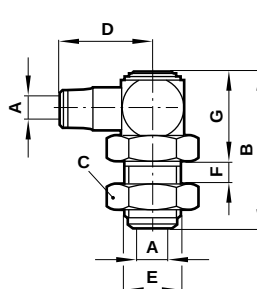
10040

Product number	A O/D tube	C	D A/F	E
100400400	4	10,1	7,0	17,0
100400500	5	11,1	7,0	18,4
100400600*	6	12,1	8,0	19,6
100400800	8	14,3	11,0	21,3
100401000	10	17,1	13,3	26,7
100401200	12	20,6	16,0	31,7
100401400	14	21,6	17,0	33,2

* Bracketed version = 100410600

Bulkhead Swivel Elbow Connector

O/D tube to O/D tube



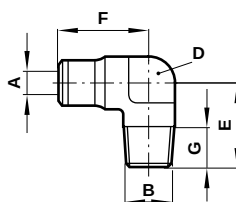
Product number	A O/D tube	B	C A/F	D	E thread	F max	G
100490400	4	35,5	17	20,6	M12x1,0	7	21,5
100490500	5	35,7	17	21,7	M12x1,0	7	21,7
100490600	6	40,0	19	24,2	M14x1,5	7	24,5
100490800	8	45,2	22	26,7	M16x1,5	7	30,0
100491000	10	49,2	27	31,7	M22x1,5	9	31,0
100491200	12	53,8	30	38,2	M24x1,5	12	32,5
100491400	14	56,8	32	38,2	M26x1,5	15	32,5

Fitting is supplied complete.

Additional locknuts may be ordered separately.

Fixed Elbow Adaptor

O/D tube to male taper BSP thread

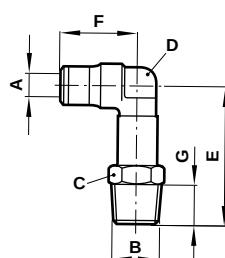


10145

Product number	A O/D tube	B thread BSP	D A/F	E	F	G
101450418	4	1/8	7,0	15,0	16,9	7,7
101450428	4	1/4	11,0	20,2	18,2	11,1
101450518	5	1/8	7,0	15,5	18,4	7,7
101450528	5	1/4	11,0	20,2	20,0	11,1
101450618	6	1/8	8,0	16,0	19,6	7,7
101450628	6	1/4	11,0	20,2	20,0	11,1
101450818	8	1/8	11,0	16,9	21,3	7,7
101450828	8	1/4	11,0	20,2	21,3	11,1
101450838	8	3/8	13,3	23,3	22,0	12,7
101450848	8	1/2	17,0	28,8	24,2	15,9
101451018	10	1/8	13,3	18,5	26,7	7,7
101451028	10	1/4	13,3	21,6	26,7	11,1
101451038	10	3/8	13,3	23,3	26,7	12,7
101451048	10	1/2	17,0	28,8	28,7	15,9
101451228	12	1/4	16,0	23,3	31,7	11,1
101451238	12	3/8	16,0	25,0	31,7	12,7
101451248	12	1/2	17,0	28,8	32,2	15,9

Extended Swivel Elbow Adaptor

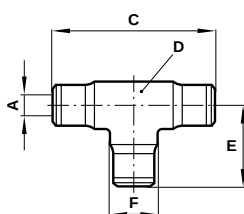
O/D tube to male taper BSP thread



Product number	A O/D tube	B thread BSP	C A/F	E	F	G	D
101540418	4	1/8	10,0	34,0	16,9	7,7	7,0
101540428	4	1/4	14,0	40,1	16,9	11,1	7,0
101540618	6	1/8	11,0	36,6	19,6	7,7	9,0
101540628	6	1/4	14,3	41,1	19,6	11,1	9,0
101540818	8	1/8	14,0	40,3	21,3	7,7	11,0
101540828	8	1/4	14,0	44,4	21,3	11,1	11,0
101540838	8	3/8	17,0	51,5	21,8	12,7	13,3
101541038	10	3/8	17,0	51,5	26,7	12,7	13,3

Tee Connector

O/D tube to O/D tube



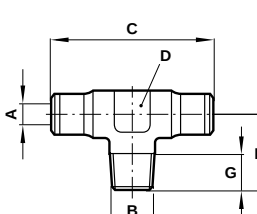
10060

Product number	A O/D tube	C	D A/F	E	F
100600400	4	33,8	7,0	16,9	10,1
100600500	5	36,8	7,0	18,4	11,1
100600600*	6	39,2	8,0	19,6	12,1
100600800	8	42,6	11,0	21,3	14,3
100601000	10	53,4	13,3	26,7	17,1
100601200	12	63,4	16,0	31,7	20,6
100601400	14	66,4	17,0	33,2	21,6

* Bracketed version = 100610600

Fixed Tee Adaptor

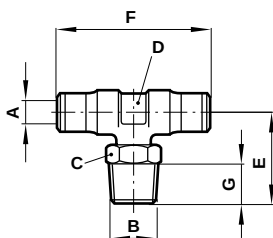
O/D tube to male taper BSP thread



Product number	A O/D tube	B thread BSP	C	D	E	G
101650418	4	1/8	33,8	7,0	15,0	7,7
101650518	5	1/8	36,8	7,0	15,5	7,7
101650528	5	1/4	40,0	11,0	20,2	11,1
101650618	6	1/8	39,2	8,0	16,0	7,7
101650628	6	1/4	40,0	11,0	20,2	11,1
101650818	8	1/8	42,6	11,0	16,9	7,7
101650828	8	1/4	42,6	11,0	20,2	11,1
101650838	8	3/8	44,0	13,3	23,3	12,7
101651028	10	1/4	53,4	13,3	21,6	11,1
101651038	10	3/8	53,4	13,3	23,3	12,7
101651228	12	1/4	63,4	16,0	23,3	11,1
101651238	12	3/8	63,2	16,0	25,0	12,7

**Swivel Tee Adaptor****10167**

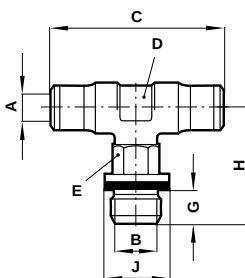
O/D tube to male taper BSP thread



Product number	A O/D tube	B thread	C	D A/F	E	G	H
101670418	4	1/8	33,8	7,0	10	7,7	20,5
101670428	4	1/4	33,8	7,0	14	11,1	24,1
101670518	5	1/8	36,8	9,0	11	7,7	21,0
101670528	5	1/4	36,8	9,0	14	11,1	24,6
101670618	6	1/8	39,2	9,0	11	7,7	21,5
101670628	6	1/4	39,2	9,0	14	11,1	25,1
101670818	8	1/8	42,6	11,0	14	7,7	23,0
101670828	8	1/4	42,6	11,0	14	11,1	26,1
101670838	8	3/8	43,6	13,3	17	12,7	30,5
101671028	10	1/4	53,4	13,3	17	11,1	28,8
101671038	10	3/8	53,4	13,3	17	12,7	30,5
101671048	10	1/2	53,4	13,3	22	15,9	34,5
101671228	12	1/4	63,4	16,0	19	11,1	31,8
101671238	12	3/8	63,4	16,0	22	12,7	34,2
101671248	12	1/2	63,4	16,0	22	15,9	38,2
101671438	14	3/8	61,4	17,0	22	12,7	33,2
101671448	14	1/2	63,4	17,0	22	15,9	37,0

Swivel Tee Adaptor**10267**

O/D tube to male metric or parallel BSP thread

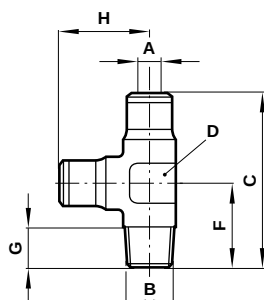


Product number	A O/D tube	B thread	C	D A/F	E	F	G	H	J
102670405	4	M5 x 0,8	34,0	7,0	8	5,0	3,4	19,5	8,0
102670418	4	1/8	33,8	7,0	11	7,2	4,9	21,8	13,8
102670505	5	M5 x 0,8	36,8	9,0	8	20,0	3,4	20,0	8,0
102670518	5	1/8	36,8	9,0	11	7,2	4,9	22,3	13,8
102670528	5	1/4	36,8	9,0	11	9,8	7,5	26,0	17,8
102670605	6	M5 x 0,8	39,2	9,0	8	20,5	3,4	20,5	8,0
102670618	6	1/8	39,2	9,0	11	7,2	4,9	22,8	13,8
102670628	6	1/4	39,2	9,0	11	9,8	7,5	26,5	17,8
102670818	8	1/8	42,6	11,0	13	7,2	4,9	23,6	13,8
102670828	8	1/4	42,6	11,0	17	9,8	7,5	29,1	17,8
102670838	8	3/8	43,6	13,3	19	11,2	8,9	21,8	21,8
102671028	10	1/4	53,4	13,3	17	9,8	7,5	31,6	17,8
102671038	10	3/8	53,4	13,3	19	11,2	8,9	33,3	21,8
102671228	12	1/4	63,4	16,0	19	9,8	7,5	35,3	17,8
102671238	12	3/8	63,4	16,0	19	11,2	8,9	37,0	21,8
102671438	14	3/8	61,4	17,0	19	11,2	8,9	36,0	21,8
102671448	14	1/2	63,4	17,0	24	14,7	12,2	39,2	25,8

Supplied Complete with Sealing Washer

Fixed Side Tee Adaptor**10175**

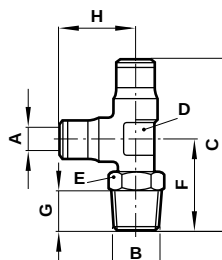
O/D tube to male taper BSP thread



Product number	A O/D tube	B thread BSP	C A/F	D A/F	F	G	H
101750418	4	1/8	31,9	7,0	15,0	7,7	16,9
101750518	5	1/8	33,9	7,0	15,5	7,7	18,4
101750528	5	1/4	40,2	11,0	20,2	11,1	20,0
101750618	6	1/8	35,6	8,0	16,0	7,7	19,6
101750628	6	1/4	40,2	11,0	20,2	11,1	20,0
101750818	8	1/8	38,2	11,0	16,9	7,7	21,3
101750828	8	1/4	41,5	11,0	20,2	11,1	21,3
101750838	8	3/8	45,3	13,3	23,3	12,7	22,0
101751028	10	1/4	48,3	13,3	21,6	11,1	26,7
101751038	10	3/8	50,0	13,3	23,3	12,7	26,7
101751228	12	1/4	55,0	16,0	23,3	11,1	31,7
101751238	12	3/8	56,7	16,0	25,0	12,7	31,7

Swivel Side Tee Adaptor**10168**

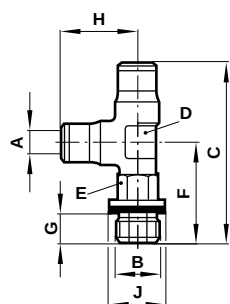
O/D tube to male taper BSP thread



Product number	A O/D tube	B thread	C	D A/F	E	F	G	J
101680418	4	1/8	37,4	7,0	10	20,5	7,7	16,9
101680428	4	1/4	41,0	7,0	14	24,1	11,1	16,9
101680518	5	1/8	39,4	9,0	11	21,0	7,7	18,4
101680528	5	1/4	43,0	9,0	14	24,6	11,1	18,4
101680618	6	1/8	41,1	9,0	11	21,5	7,7	19,6
101680628	6	1/4	44,7	9,0	14	25,1	11,1	19,6
101680818	8	1/8	44,3	11,0	14	23,0	7,7	21,3
101680828	8	1/4	47,4	11,0	14	26,1	11,1	21,3
101680838	8	3/8	52,3	13,3	17	30,5	12,7	21,8
101681028	10	1/4	55,5	13,3	17	28,8	11,1	26,7
101681038	10	3/8	57,2	13,3	17	30,5	12,7	26,7
101681228	12	1/4	63,5	16,0	19	31,8	11,1	31,7
101681238	12	3/8	65,9	16,0	22	34,2	12,7	31,7
101681248	12	1/2	69,9	16,0	22	38,2	15,9	31,7
101681438	14	3/8	66,5	17,0	22	33,2	12,7	33,2
101681448	14	1/2	70,2	17,0	22	37,0	15,9	33,2

Swivel Side Tee Adaptor**10268**

O/D tube to male metric or parallel BSP thread

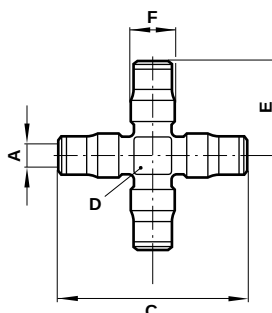


Product number	A O/D tube	B thread	C	D A/F	E	F	G	H	J
102680405	4	M5x0,8	36,5	7,0	8,0	19,5	3,4	17,0	8,0
102680418	4	1/8	38,7	7,0	11,0	21,8	4,9	16,9	13,8
102680505	5	M5x0,8	39,0	7,0	8,0	20,6	3,4	18,4	8,0
102680518	5	1/8	40,7	9,0	11,0	22,3	4,9	18,4	13,8
102680528	5	1/4	44,4	9,0	11,0	26,0	7,5	18,4	17,8
102680618	6	1/8	42,4	9,0	11,0	22,8	4,9	19,6	13,8
102680628	6	1/4	46,1	9,0	11,0	26,5	7,5	19,6	17,8
102680818	8	1/8	45,1	11,0	13,0	23,8	4,9	21,3	13,8
102680828	8	1/4	50,4	11,0	17,0	29,1	7,5	21,3	17,8
102680838	8	3/8	55,0	13,3	19,0	33,3	8,9	21,3	21,9
102681028	10	1/4	58,3	13,3	17,0	31,6	7,4	26,7	17,8
102681038	10	3/8	60,0	13,3	19,0	33,3	8,9	26,7	21,8
102681228	12	1/4	67,0	16,0	19,0	35,3	7,5	31,7	17,8
102681238	12	3/8	68,7	16,0	19,0	37,0	8,9	31,7	21,8
102681438	14	3/8	69,2	17,0	19,0	36,0	8,9	33,2	21,8
102681448	14	1/2	72,5	17,0	24,0	39,2	12,2	33,2	25,8

Supplied complete with sealing washer.

4 Way Cross Connector**10090**

O/D tube x 4



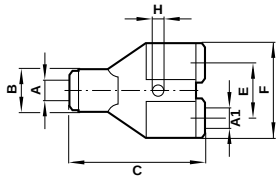
Product number	A O/D stem	C	D A/F	E	F
100900400	4	42,0	10	21,0	10,4
100900500	5	45,4	10	22,7	11,1
100900600	6	47,4	10	23,7	12,1
100900800	8	57,4	13	28,7	14,3
100901000	10	68,4	13	34,2	17,1



Parallel Y Connector

O/D tube to O/D tube

10082



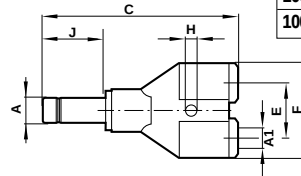
Product number	A O/D tube	A1 O/D tube	B	C	E	F	H
100820400	4	4	11	34,0	11,0	22,0	3,2
100820600	6	6	13	38,4	14,0	27,0	3,2
100820800	8	8	15	40,4	16,0	31,0	3,2
100821000	10	10	20,0	49,4	20,6	42,0	4,2
100820604	6	4	13	38,2	14,0	27,0	3,2
100820806	8	6	15	40,4	16,3	31,0	3,2
100821008	10	8	20,0	49,4	20,6	42,0	4,2

Plastic Body. N.B Mounting hole

Parallel Y Stem Connector

O/D stem to O/D tube

10084

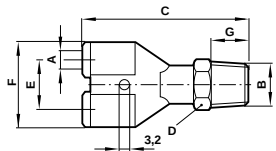


Product number	A O/D stem	A1 O/D tube	C	E	F	H	J
100840404	4	4	50,2	11	22,5	3,20	17,3
100840604	6	4	51,4	11	22,5	3,20	18,5
100840606	6	6	55,7	14	28,0	3,20	18,5
100840808	8	8	58,7	16	32,0	3,20	19,5

Parallel Y Adaptor

O/D tube to male taper BSP thread

10188



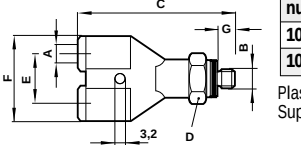
Product number	A O/D tube	B thread	C	D A/F	E	F	G
101880418	4	1/8	43,7	10	11,0	22,5	7,7
101880618	6	1/8	48,2	11	14,0	28,0	7,7
101880818	8	1/8	51,2	14	16,0	32,0	7,7
101880828	8	1/4	54,7	11	16,0	32,0	11,1
101881038	10	3/8	66,9	19	22	42,5	12,7
101881048	10	1/2	70,1	22	22	42,5	15,9

Plastic Body. N.B Mounting hole

Parallel Y Adaptor

O/D tube to male metric or parallel BSP thread

10288

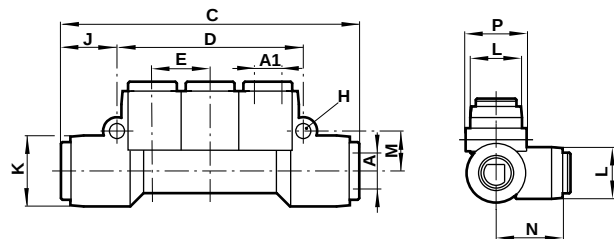


Product number	A O/D tube	B thread	C	D A/F	E	F	G
102880405	4	M5 x 0,8	42,7	10	11,0	22,5	3,4
102880605	6	M5 x 0,8	47,2	11	14,0	28,0	3,4

Plastic Body. N.B Mounting hole
Supplied Complete with Sealing Washer

Manifold

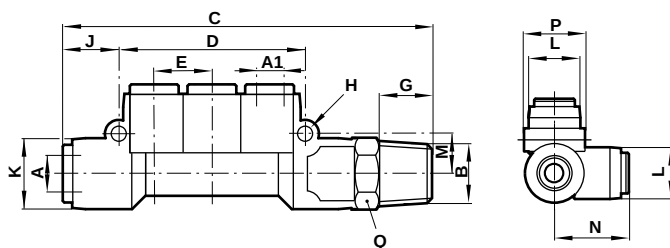
O/D tube to O/D tube



Product number	A O/D tube inlet	A1 O/D tube outlet	C	D	E	H	J	K	L	M	N	P
100D60804	8	4	68	42,0	13,0	3,4	12,7	16,0	14,0	9,0	20,0	16,4
100D60806	8	6	68	42,0	13,0	3,4	12,7	16,0	14,0	9,0	20,2	16,4
100D61006	10	6	83	48,0	15,0	3,4	17,2	20,0	16,0	10,5	22,7	20,4
100D61008	10	8	83	48,0	15,0	3,4	17,2	20,0	16,0	10,5	22,7	20,4

Manifold

O/D tube to male taper BSP thread



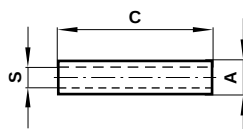
Product number	A O/D tube inlet	A1 O/D tube outlet	B thread	C	D	E	G	H	J	K	L	M	N	P	Q A/F
101D60428	8	4	1/4	83	42,0	13,0	11,1	3,4	12,7	16,0	14,0	9,0	20,2	16,4	17
101D60438	8	4	3/8	85	42,0	13,0	12,7	3,4	12,7	16,0	14,0	9,0	20,2	6,4	19
101D60628	8	6	1/4	83	42,0	13,0	11,1	3,4	12,7	16,0	14,0	9,0	20,2	16,4	17
101D60638	8	6	3/8	85	42,0	13,0	12,7	3,4	12,7	16,0	14,0	9,0	20,2	16,4	19
101D60838	10	8	3/8	100	48,0	15,0	12,7	3,4	17,2	20,0	16,0	10,5	22,7	20,4	19
101D60848	10	8	1/2	104	48,0	15,0	15,9	3,4	17,2	20,0	16,0	10,5	22,7	20,4	22



Straight Stem Connector – Plastic

11022

O/D tube stem to O/D tube stem

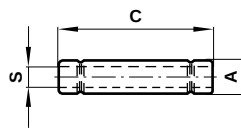


Product number	A O/D stem	C	S
110220400	4	30,2	2,5
110220500	5	33,2	3,3
110220600	6	34,0	4,0
110220800	8	36,0	5,4
110221000	10	45,0	7,0
110221200	12	52,0	8,5
110221400	14	51,8	11,0

Straight Stem Connector – Brass

10022

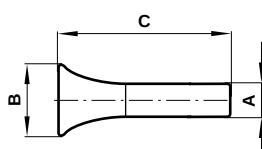
O/D tube stem to O/D tube stem



Product number	A O/D stem	B	S
100220400	4	30,2	2,6
100220500	5	33,2	3,4
100220600	6	34,0	4,0
100220800	8	36,0	6,0
100221000	10	45,0	7,6
100221200	12	52,0	9,6
100221400	14	51,8	11,5

Plug (Plastic)

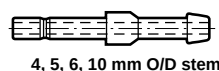
11004



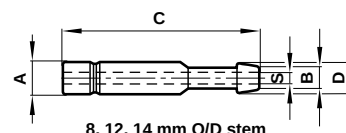
Product number	A O/D stem	B	C
110040400	4	9,6	26,5
110040500	5	10,6	28,0
110040600	6	11,6	28,5
110040800	8	12,7	29,5
110041000	10	15,6	34,0
110041200	12	16,7	37,5
110041400	14	19,6	37,5

Stem Tailpiece Adaptor

O/D tube stem to hose bore



4, 5, 6, 10 mm O/D stem



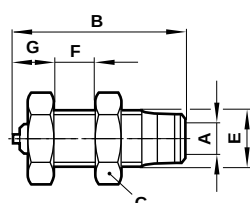
8, 12, 14 mm O/D stem

10019

Product number	A O/D stem	B hose bore	C	D	S nom.
100190403	4	3	34,0	4,3	1,8
100190405	4	5	34,0	6,3	2,1
100190505	5	5	35,6	6,3	2,8
100190605	6	5	36,0	6,3	2,8
100190606	6	6,3	36,0	8,0	4,0
100190806	8	6,3	37,0	8,0	4,3
100190808	8	8	38,5	9,6	5,5
100191006	10	6,3	41,5	8,0	4,3
100191008	10	8	43,0	9,6	5,5
100191010	10	10	44,0	12,0	7,3
100191208	12	8	46,5	9,6	5,5
100191210	12	10	46,5	12,0	7,3
100191212	12	12,5	47,3	15,0	9,7
100191412	14	12,5	47,2	15,0	9,7

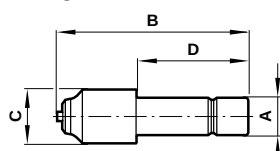
Pressure Indicators

Panel Mounted



Product number	A O/D tube	B	C	E thread	F max.	G
100090400	4	28,4	14	M10x1,0	6,5	8,3
100090600	6	30,5	19	M14x1,5	7,0	9,3
100090800	8	32,5	22	M16x1,5	7,0	9,3

Plug-In



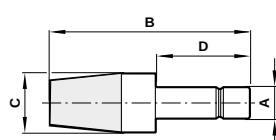
10010

Product number	A thread	B	C A/F	D
100100400	4	28,5	8,0	16,6
100100600	6	30,5	8,0	18,5
100100800	8	31,5	10,0	19,5

Note: The red button remains **OUT** at all times until pressed in.
If it stays **IN** no pressure is present, if it returns **OUT** then pressure is present.
The minimum operating pressure is 1 bar.

Silencers

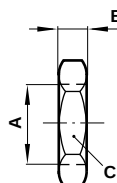
Plug-In



Product number	A thread	B	C A/F	D
100110400	4	31,5	11,0	16,6
100110600	6	33,5	11,0	18,5
100110800	8	40,5	13,0	19,5
100111000	10	53,5	19,2	24,0
100111200	12	57,0	19,2	27,5

Sintered bronze element

Bulkhead Locknut

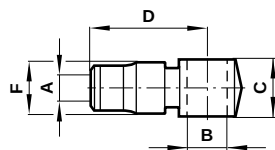


Product number	A thread	B	C A/F
36252018	M10x1,0	5	14
36252001	M12x1,0	5	17
36252002	M14x1,5	6	19
36252004	M16x1,5	6	22
36252006	M20x1,5	7	27
36252007	M24x1,5	7	30



Elbow Banjo Body

O/D tube

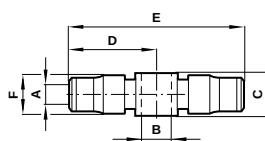


10051

Product number	A O/D tube	B thread BSP	C	D	F
100510405	4	M5x0,8	12,6	18,7	9,5
100510418	4	1/8	14,0	20,6	11,0
100510505	5	M5x0,8	12,6	20,2	11,0
100510518	5	1/8	14,0	21,7	11,5
100510605	6	M5x0,8	12,6	22,2	12,5
100510618	6	1/8	14,0	23,7	12,5
100510628	6	1/4	16,0	24,2	13,0
100510818	8	1/8	14,0	23,7	14,0
100510828	8	1/4	16,0	24,7	14,0
100510838	8	3/8	20,5	26,7	16,5
100511028	10	1/4	16,0	30,2	16,0
100511038	10	3/8	20,5	31,2	17,0
100511238	12	3/8	20,5	33,2	17,5
100511248	12	1/2	22,0	38,2	17,5

Tee Banjo Body

O/D tube



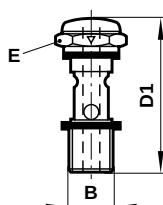
10071

Product number	A O/D tube	B thread BSP	C	D	E	F
100710405	4	M5x0,8	12,6	18,7	37,4	9,5
100710418	4	1/8	14,0	20,6	41,2	11,0
100710505	5	M5x0,8	12,6	20,2	40,4	11,0
100710518	5	1/8	14,0	21,7	43,3	11,5
100710605	6	M5x0,8	12,6	20,7	41,4	11,5
100710618	6	1/8	14,0	23,7	47,4	12,5
100710628	6	1/4	16,0	24,2	48,4	13,0
100710818	8	1/8	14,0	23,7	47,4	14,0
100710828	8	1/4	16,0	24,7	49,4	14,0

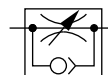
Banjo Bolt – Regulating

Single stacking BSP parallel
Pressure rating on this item 10 bar

20*00

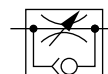


Regulating Out



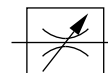
Product number	B thread	D1	E A/F
20K000005	M5 x 0,8	27,3	8
20K000018	1/8	34,0	14
20K000028	1/4	36,5	17
20K000038	3/8	51,5	22
20K000048	1/2	57,0	27

Regulating In



Product number	B thread	D1	E A/F
20L000005	M5 x 0,8	27,3	8
20L000018	1/8	34,0	14
20L000028	1/4	36,5	17
20L000038	3/8	51,5	22
20L000048	1/2	57,0	27

Bi-Directional Flow



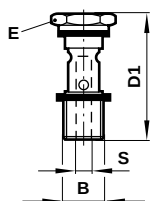
Product number	B thread	D1	E A/F
20M000005	M5 x 0,8	27,3	8
20M000018	1/8	34,0	14
20M000028	1/4	36,5	17
20M000038	3/8	51,5	22
20M000048	1/2	57,0	27

All banjo bolts supplied complete with sealing washers.
Arrow on bolt hexagon indicates free flow direction.



Banjo Bolt – Non Regulating Single Stacking BSP parallel

20A00

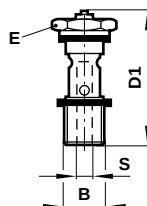


Product number	B thread	D1	E A/F	S
20A000005	M5x0,8	22	8	2,5
20A000018	$\frac{1}{8}$	30	14	5,0
20A000028	$\frac{1}{4}$	34	17	8,5
20A000038	$\frac{3}{8}$	41	22	10,0
20A000048	$\frac{1}{2}$	47,5	27	11,5

Supplied complete with sealing washers.

Banjo Bolt – Non Regulating Single Stacking with Test Point

20J00

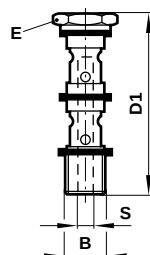


Product number	B thread BSP	D1	E A/F	S
20J000018	$\frac{1}{8}$	35,0	14	5,0
20J000028	$\frac{1}{4}$	39,0	17	8,5
20J000038	$\frac{3}{8}$	46,0	22	10,0

Supplied complete with sealing washers.

Banjo Bolt – Non Regulating Double Stacking BSP parallel

20B00

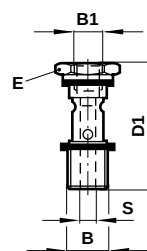


Product number	B thread	D1	E A/F	S
20B000005	M5x0,8	34,5	8	2,5
20B000018	$\frac{1}{8}$	46,5	14	5,0
20B000028	$\frac{1}{4}$	52,5	17	8,5
20B000038	$\frac{3}{8}$	64,0	22	10,0
20B000048	$\frac{1}{2}$	72,5	27	11,5

Supplied complete with sealing washers.

Banjo Bolt – Non Regulating Single Stacking with Top Port BSP parallel

20*00

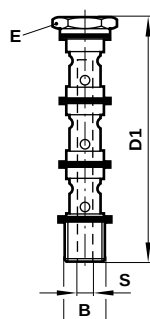


Product number	B1 thread BSP	B thread BSP	D1	E A/F	S
20D000505	M5x0,8	M5x0,8	25,6	8	2,5
20D000528	M5x0,8	$\frac{1}{4}$	34,0	17	8,5
20D000538	M5x0,8	$\frac{3}{8}$	41,0	22	10,0
20E001818	$\frac{1}{8}$	$\frac{1}{8}$	36,0	14	5,0
20E001828	$\frac{1}{8}$	$\frac{1}{4}$	35,5	17	6,0
20E001838	$\frac{1}{8}$	$\frac{3}{8}$	41,0	22	10,0
20F002828	$\frac{1}{4}$	$\frac{1}{4}$	45,0	17	8,5
20G003838	$\frac{3}{8}$	$\frac{3}{8}$	52,0	22	10,0

Supplied complete with sealing washers.

Banjo Bolt – Non Regulating Triple Stacking BSP parallel

20C00



Product number	B thread	D1	E A/F	S
20C000018	$\frac{1}{8}$	63,0	14	5,0
20C000028	$\frac{1}{4}$	71,5	17	8,5
20C000038	$\frac{3}{8}$	87,0	22	10,0

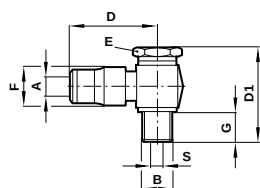
Supplied complete with sealing washers.



Elbow Banjo Assembly Non Regulating Bolt

10A51

O/D tube to male metric or parallel BSP thread



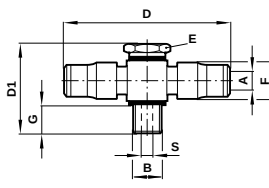
Product number	A O/D tube	B thread	D	D1	E A/F	F	G	S
10A510405	4	M5x0,8	18,7	22	8	9,5	4,0	2,5
10A510418	4	1/8	20,6	30	14	11,0	6,0	5,0
10A510505	5	M5x0,8	20,2	22	8	11,0	4,0	2,5
10A510518	5	1/8	21,7	30	14	11,5	6,0	5,0
10A510605	6	M5x0,8	22,2	22	8	12,5	4,0	2,5
10A510618	6	1/8	23,7	30	14	12,5	6,0	5,0
10A510628	6	1/4	24,2	34	17	13,0	7,4	8,5
10A510818	8	1/8	23,7	30	14	14,0	6,0	5,0
10A510828	8	1/4	24,7	34	17	14,0	7,4	8,5
10A510838	8	3/8	26,7	41	22	16,5	9,0	10,0
10A511028	10	1/4	30,2	34	17	16,0	7,4	8,5
10A511038	10	3/8	31,2	41	22	17,0	9,0	10,0

Supplied complete with sealing washers.

Tee Banjo Assembly Non Regulating Bolt

10A71

O/D tube to male metric or parallel BSP thread



Product number	A O/D tube	B thread	D	D1	E A/F	F	G	S
10A710405	4	M5x0,8	37,4	22	8	9,5	4,0	2,5
10A710418	4	1/8	41,2	30	14	11,0	6,0	5,0
10A710505	5	M5x0,8	40,4	22	8	11,0	4,0	2,5
10A710518	5	1/8	43,4	30	14	11,5	6,0	5,0
10A710605	6	M5x0,8	41,4	22	8	11,5	4,0	2,5
10A710618	6	1/8	47,4	30	14	12,5	6,0	5,0
10A710628	6	1/4	48,4	34	17	13,0	7,4	8,5
10A710818	8	1/8	47,4	30	14	14,0	6,0	5,0
10A710828	8	1/4	49,4	34	17	14,0	7,4	8,5

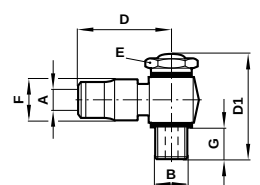
Supplied complete with sealing washers.

Elbow Banjo Assembly Regulating Out

10K51

O/D tube to male metric or parallel BSP thread

Pressure rating on this item 10 bar

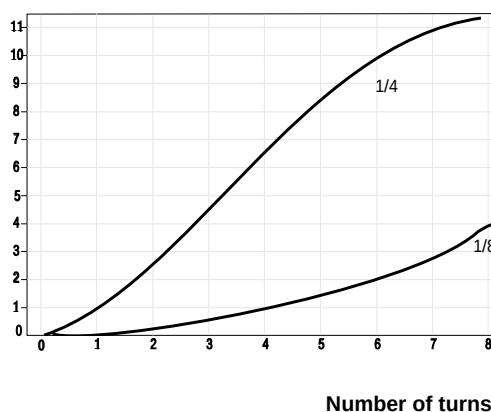


Product number	A O/D tube	B thread	D	D1	E A/F	F	G
10K510405	4	M5x0,8	18,7	27,0	8	9,5	4,4
10K510418	4	1/8	20,6	34,0	14	11,0	6,0
10K510505	5	M5x0,8	20,2	27,0	8	11,0	4,4
10K510518	5	1/8	21,7	34,0	14	11,5	6,0
10K510605	6	M5x0,8	22,2	27,0	8	12,5	4,4
10K510618	6	1/8	23,7	34,0	14	12,5	6,0
10K510628	6	1/4	24,2	36,5	17	13,0	6,0
10K510818	8	1/8	23,7	34,0	14	13,5	6,0
10K510828	8	1/4	24,7	36,5	17	14,0	6,0
10K510838	8	3/8	26,7	51,5	22	16,5	10,0
10K511028	10	1/4	30,2	36,5	17	15,7	6,0
10K511038	10	3/8	31,2	51,5	22	17,0	10,0
10K511238	12	3/8	33,2	51,5	22	17,5	10,0
10K511248	12	1/2	38,2	57,5	27	17,5	10,0

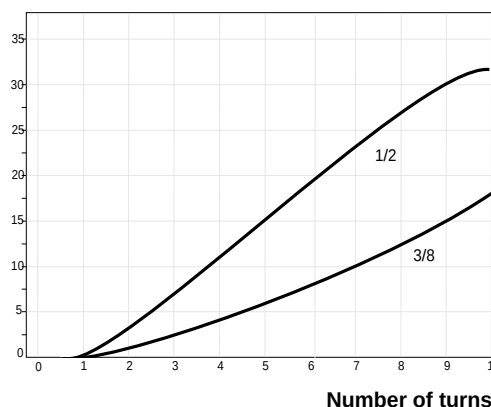
Supplied complete with sealing washers.

Typical Flow Characteristics

Flow of Air (L/S)



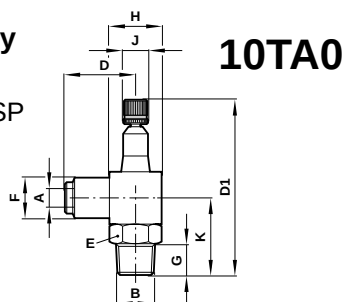
Flow of Air (L/S)





Elbow Banjo Assembly

Regulating Out
O/D tube to male taper BSP
thread
Pressure rating on this item
10 bar



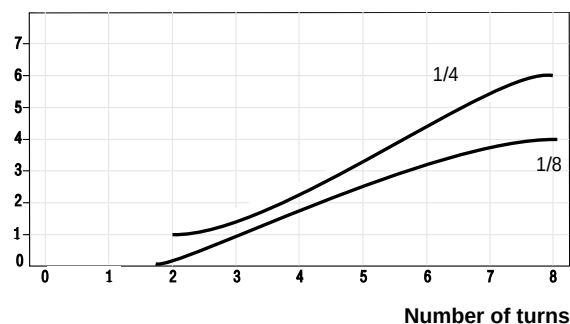
10TA0

Product number	A O/D tube	B	D1 Closed	D	E A/F	F	G	J	H Square	K
10TA00418	4	$\frac{1}{8}$	53	22,0	14	11,5	9,5	9,0	16	22,5
10TA00618	6	$\frac{1}{8}$	53	23,0	14	13,0	9,5	9,0	16	22,5
10TA00628	6	$\frac{1}{4}$	67	25,5	17	13,5	13,5	11,0	20	29,5
10TA00828	8	$\frac{1}{4}$	67	27,0	17	15,5	14,5	11,0	20	29,5
10TA00838	8	$\frac{3}{8}$	78	28,0	19	15,5	14,5	13,0	22	33,0
10TA01028	10	$\frac{1}{4}$	67	31,5	17	19,5	13,5	11,0	20	29,5
10TA01038	10	$\frac{3}{8}$	78	32,4	19	19,5	14,5	13,0	22	33,0
10TA01248	12	$\frac{1}{2}$	90	38,0	22	24,0	15,9	17,0	28	41,5

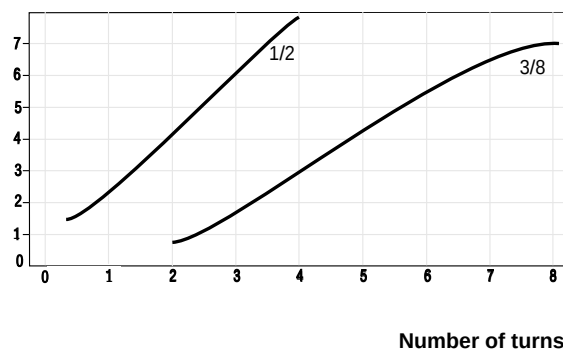
Plastic Body

Typical Flow Characteristics

Flow of Air (L/S)



Flow of Air (L/S)



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under 'Technical Data'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products where applicable.