

Norgren Pneufit® C fittings are ready to use, offering fast assembly with no need for tools providing optimum flow.

Pneufit® C offers a broad range of over 1,000 composite push-in pneumatic fittings to complement our established all brass Pneufit® series.

Releasable stainless-steel grab-ring to grip nylon or polyurethane tube (85 or 95 durometer).

Nickel plated brass components provide corrosion and contamination resistance and an extended life.

Pre applied thread sealant on all taper threads and recessed captive O-ring on parallel threads provides optimum rapid sealing.

Internal and external hexagons on straight fittings.

Immediate quality sealing using silicone free U-packing.

Mounting holes on all union fittings.

Also introducing Miniature Pneufit M an ultra compact alternative where space is at a premium.



Technical data

Medium: Compressed air

Operating pressure: 29.5" Hg vacuum up to 150 psi

Temperature: 32°F to 140°F

Materials

Body: PBT

Seals: NBR (silicone free) u-packaging and O-rings

Threaded bodies: nickel plated brass

Release sleeve and backing ring: POM

Grab-ring: stainless steel

Collar: nickel plated brass

Thread sealant: threebond 2350B

Tube sizes

Standard sizes: 5/32", 3/16", 1/4", 5/16", 3/8 and 1/2"

Miniature sizes: 1/8", 5/32" (1/4" from Dec 2003)

Thread sizes

Standard sizes: 10-32 UNF, 1/8", 1/4", 3/8 and 1/2" NPT and ISO R

Miniature sizes: 10-32 UNF, 1/16" and 1/8" NPT

Tube types










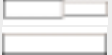


Nylon 11 or 12

Polyurethane 85 or 95 durometer











Pneufit C








Straight Adaptors and Connectors

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Elbow Connectors and Adaptors




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Tee Connectors and Adaptors





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Y Connectors

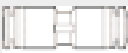




<p>Union Y (equal +unequal) C2082</p>  <p>Page 9.1.002.10</p>	<p>Swivel Y Adaptor C2488</p>  <p>Page 9.1.002.10</p>	<p>Stem Y (equal +unequal) C2084</p>  <p>Page 9.1.002.10</p>
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Cross and Manifolds



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Pneufit M




Straight Adaptors and Connectors

<p>Straight Union M2020</p>  <p>Page 9.1.002.12</p>	<p>Straight Union (unequal) M2020</p>  <p>Page 9.1.002.12</p>	<p>Straight Adaptor (external + internal hex) M2425</p>  <p>Page 9.1.002.12</p>	<p>Straight Adaptor (internal hex only) M242A</p>  <p>Page 9.1.002.12</p>	<p>Straight Adaptor (female thread) M2426</p>  <p>Page 9.1.002.12</p>
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Elbow Connectors and Adaptors

<p>Union Elbow M2040</p>  <p>Page 9.1.002.12</p>	<p>90° Swivel Elbow Adaptor M2447</p>  <p>Page 9.1.002.13</p>
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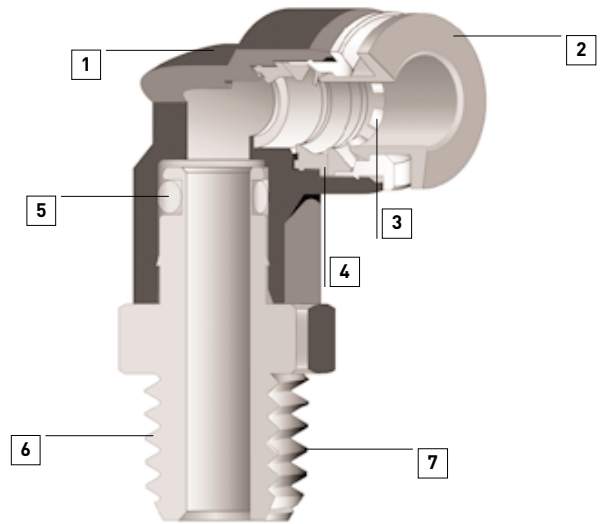
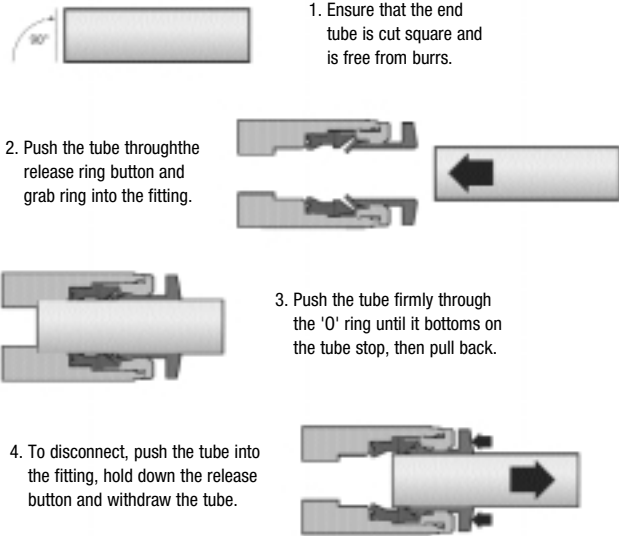
Tee Connectors and Adaptors

<p>Union Tee M2060</p>  <p>Page 9.1.002.13</p>	<p>Swivel Tee Adaptor M2467</p>  <p>Page 9.1.002.13</p>	<p>Swivel Side Tee Adaptor M2468</p>  <p>Page 9.1.002.13</p>
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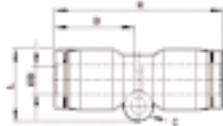
Pneufit C & Pneufit M composite fittings Inch

Method of assembly



- 1** Impact resistant PBT body in black for Pneufit® C and light gray for Pneufit® M.
- 2** Release buttons are red for metric, grey for inch, and light grey oval for Pneufit® M.
- 3** Stainless steel grab ring with special design to retain softer tube and provide easy releasability.
- 4** Silicon free U-packing provides leak tight tube seal under side loading.
- 5** Stem seal provides leak tight 360° swivel connection.
- 6** Nickel plated brass threads and notches on hex to signify NPT.
- 7** Pre-applied thread sealant on tapered threads and recessed captive O-ring on parallel threads.

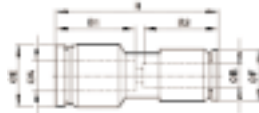
C2020



Straight Union

ØD	H	L	C	B	D	
5/32	34.6	12.75	3.3	16.3	10.5	C20200200
3/16	35.5	15.1	3.5	16.8	11.5	C20200300
1/4	36.8	16.3	3.5	17.4	13.0	C20200400
5/16	39.4	19.85	4.3	18.7	14.5	C20200500
3/8	42.6	21.5	4.5	20.2	17.5	C20200600
1/2	48.9	24.5	4.5	22.0	21.0	C20200700

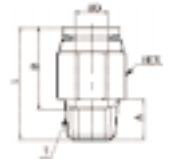
C2020



Straight Union (Unequal)

ØA	ØB	H	B2	B2	ØE	ØF	
3/16	5/32	35.0	16.8	16.3	11.5	10.5	C20200302
1/4	5/32	35.6	17.4	16.3	13.0	10.5	C20200402
1/4	3/16	36.2	17.4	16.8	13.0	11.5	C20200403
5/16	1/4	38.1	18.7	17.4	14.5	13.0	C20200504
3/8	5/16	41.0	20.2	18.7	17.5	14.5	C20200605
1/2	3/8	45.3	22.0	20.2	21.0	17.5	C20200706

C2425



Straight adaptor (external + internal hex)

ØD	T	L	A	B	Hex	
5/32	UNF 10/32	21.4	3.6	16.2	7/16	C24250210
	NPT 1/8	19.5	8.5		7/16	C24250218
	NPT 1/4	22.0	10.5		9/16	C24250228
3/16	UNF 10/32	22.0	3.6	16.8	7/16	C24250310
	NPT 1/8	23.1	8.5		7/16	C24250318
	NPT 1/4	23.1	10.5		9/16	C24250328
1/4	NPT 3/8	24.1	11.5	11/16	C24250338	
	UNF 10/32	23.2	3.6		1/2	C24250410
	NPT 1/8	23.8	8.5		1/2	C24250418
5/16	NPT 1/4	23.2	10.5	17.3	9/16	C24250428
	NPT 3/8	24.2	11.5		11/16	C24250438
	NPT 1/8	28.2	8.5		9/16	C24250518
3/8	NPT 1/4	26.0	10.5	18.2	9/16	C24250528
	NPT 3/8	26.5	11.5		11/16	C24250538
	NPT 1/2	24.5	14.5		7/8	C24250548
1/2	NTP 1/8	30.1	8.5	19.9	11/16	C24250618
	NTP 1/4	31.1	10.5		11/16	C24250628
	NPT 3/8	24.8	11.5		11/16	C24250638
1/2	NPT 1/2	24.0	14.5	23.0	7/8	C24250648
	NPT 1/4	35.4	10.5		7/8	C24250728
	NPT 3/8	31.9	11.5		7/8	C24250738
	NPT 1/2	31.4	14.5		7/8	C24250748



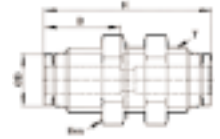
C242A



Straight Adaptor
(Internal hex)

ØD	T	L	A	B	Hex	
5/32	UNF 10/32	20.8	3.5	15.3	2.38	C242A0210
5/32	NPT 1/8	21.0	8.5	15.3	3.18	C242A0218
1/4	UNF 10/32	22.9	3.5	17.4	2.38	C242A0410
1/4	NPT 1/8	23.6	8.5	17.4	4.76	C242A0418
1/4	NPT 1/4	23.8	10.5	17.4	4.76	C242A0428
5/16	NPT 1/8	27.5	8.5	18.7	4.00	C242A0518
5/16	NPT 1/4	25.5	10.5	18.7	6.00	C242A0528
5/16	NPT 3/8	25.4	11.5	18.7	6.00	C242A0538
3/8	NPT 1/4	28.2	10.5	20.2	6.35	C242A0628
3/8	NPT 3/8	28.2	11.5	20.2	8.00	C242A0638
3/8	NPT 1/2	29.2	14.5	20.2	8.00	C242A0648
1/2	NPT 1/4	35.4	10.5	22.0	9.5	C242A0728
1/2	NPT 3/8	32.9	11.5	22.0	9.5	C242A0738
1.2	NPT 1/2	33.0	14.5	22.0	9.5	C242A0748

C2029



Bulkhead Union

ØD	H	B	T	Hex	
5/32	35.5	16.3	M12*1.0p	5(14*16.1)	C20290200
3/16	36.5	16.8	M14*1.0p	5(17*19.6)	C20290300
1/4	38.8	17.4	M14*1.0p	5(17*19.6)	C20290400
5/16	42.2	18.7	M16*1.0p	5(19*21.9)	C20290500
3/8	43.2	20.2	M20*1.0p	5(24*27.7)	C20290600
1/2	49.5	22.0	M22*1.0p	5(26*30.0)	C20290700

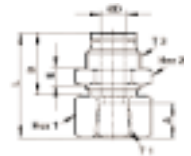
C2426



Straight Adaptor
(Female thread)

ØD	T	L	A	B	Hex	
5/32	NPT 1/8	27.6	9.5	15.3	14.00	C24260218
5/32	NPT 1/4	29.6	11.5	15.3	17.46	C24260228
3/16	NPT 1/8	28.2	9.5	16.8	14.00	C24260318
3/16	NPT 1/4	30.2	11.5	16.8	17.46	C24260328
1/4	NPT 1/8	28.7	9.5	17.4	14.00	C24260418
1/4	NPT 1/4	30.7	11.5	17.4	17.00	C24260428
5/16	NPT 1/8	29.0	9.5	18.7	14.00	C24260518
5/16	NPT 1/4	31.0	11.5	18.7	17.00	C24260528
5/16	NPT 3/8	32.0	12.5	18.7	22.00	C24260538
3/8	NPT 1/4	32.6	11.5	20.2	17.00	C24260628
3/8	NPT 3/8	34.1	12.5	20.2	22.00	C24260638
1/2	NPT 1/4	36.2	11.5	22.0	17.00	C24260728
1/2	NPT 3/8	37.6	12.5	22.0	22.00	C24260738

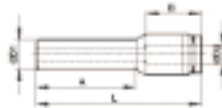
C2432



Female Bulkhead

ØD	T1	L	E	T2	A	Hex1	B	Hex2	
5/32	NPT 1/8	27.1	5	M12*1.0p	9	14*16.1	16.3	14*16.1	C24320218
3/16	NPT 1/8	28.3	5	M12*1.0p	9.5	14*16.1	16.8	14*16.1	C24320318
3/16	NPT 1/4	30.3	5	M12*1.0p	11.5	14*16.1	16.8	14*16.1	C24320328
1/4	NPT 1/8	30.9	5	M14*1.0p	9.5	17*19.6	17.4	17*19.6	C24320418
1/4	NPT 1/4	30.9	5	M14*1.0p	11.5	17*19.6	17.4	17*19.6	C24320428
5/16	NPT 1/8	29.5	5	M16*1.0p	9	19*21.9	18.7	19*21.9	C24320518
5/16	NPT 1/4	31.5	5	M16*1.0p	11	19*21.9	18.7	19*21.9	C24320528
5/16	NPT 3/8	32.5	5	M16*1.0p	12	19*21.9	18.7	22*25.4	C24320538
3/8	NPT 1/4	33.3	5	M20*1.0p	11.5	24*27.7	20.2	24*27.7	C24320628
3/8	NPT 3/8	34.3	5	M20*1.0p	12.5	24*27.7	20.2	24*27.7	C24320638
1/2	NPT 3/8	39.0	5	M22*1.0p	12.5	26*30.0	22.0	24*27.7	C24320738
1/2	NPT 1/2	41.0	5	M22*1.0p	14.5	26*30.0	22.0	24*27.7	C24320748

C2023



Stem Reducer
(Stem/tube)

ØD2	ØD1	A	L	B	
1/4	5/32	23.5	40.4	16.3	C20230402
5/16	5/32	26.0	42.9	16.3	C20230502
5/16	1/4	29.7	48.0	17.4	C20230504
3/8	1/4	31.3	48.0	17.4	C20230604
3/8	5/16	25.0	44.7	18.7	C20230605
1/2	1/4	30.9	48.3	17.4	C20230704
1/2	5/16	33.2	48.5	18.7	C20230705
1/2	3/8	31.8	51.8	20.2	C20230706



Pneufit C & Pneufit M composite fittings Inch

C2022

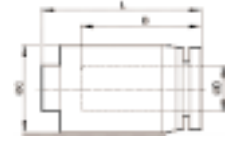
Stem Union



ØA	L	
5/32	36.0	C20220200
3/16	38.0	C20220300
1/4	40.0	C20220400
5/16	42.0	C20220500
3/8	45.0	C20220600
1/2	50.0	C20220700

C2012

Cap (Female Plug)



ØD	B	ØC	L	
5/32	16.3	10.5	18.9	C20120200
3/16	16.8	11.5	18.8	C20120300
1/4	17.4	13.0	19.9	C20120400
5/16	18.7	14.5	21.5	C20120500
3/8	20.2	17.5	22.8	C20120600
1/2	22.0	21.0	26.0	C20120700

C2022

Stem Union (Unequal)



ØA	ØB	C	D	L	
3/16	5/32	20.0	20.0	40.0	C20220302
1/4	5/32	21.0	20.0	41.0	C20220402
1/4	3/16	21.0	20.0	41.0	C20220403
5/16	1/4	22.0	21.0	43.0	C20220504
3/8	1/4	23.0	21.0	44.0	C20220604
3/8	5/16	23.0	22.0	45.0	C20220605
1/2	3/8	25.0	23.0	48.0	C20220706

C2040

Union Elbow



ØD	H	L	C	B	D	
5/32	24.2	24.2	3.3	16.3	10.5	C020400200
3/16	25.5	25.5	3.5	16.8	11.5	C020400300
1/4	27.8	27.8	3.5	17.4	13.0	C020400400
5/16	30.65	30.65	4.3	18.7	14.5	C020400500
3/8	34.6	34.6	4.5	20.2	17.5	C020400600
1/2	40.8	40.8	4.5	22.0	21.0	C020400700

C2004

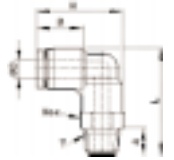
Plug



ØD	D	A	L	
5/32	5/32	18.0	30.0	C00040400
3/16	3/16	19.0	33.0	C20040300
1/4	1/4	20.0	34.0	C20040400
5/16	5/16	22.0	38.0	C20040500
3/8	3/8	26.0	42.0	C20040600
1/2	1/2	28.0	46.0	C20040700

C2447

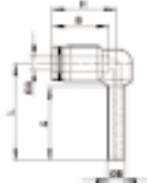
90° Swivel Elbow Adaptor



ØD	T	D	L	H	A	B	Hex	
5/32	UNF 10/32	10.5	21.4	18.6	3.6	16.2	3/8	C24470210
	NPT 1/8		25.0				7/16	C24470218
	NPT 1/4		28.0				9/16	C24470228
3/16	UNF 10/32	11.5	23.4	19.1	3.6	16.8	7/16	C24470310
	NPT 1/8		25.0				7/16	C24470318
	NPT 1/4		28.0				9/16	C24470328
	NPT 3/8		29.0				11/16	C24470338
1/4	UNF 10/32	13.0	25.9	20.4	3.6	17.3	1/2	C24470410
	NPT 1/8		27.8				1/2	C24470418
	NPT 1/4		30.5				9/16	C24470428
	NPT 3/8		31.5				11/16	C24470438
5/16	NPT 1/8	14.5	29.4	22.3	8.5	18.2	9/16	C24470518
	NPT 1/4		31.4				9/16	C24470528
	NPT 3/8		32.4				11/16	C24470538
	NPT 1/2		35.4				7/8	C24470548
3/8	NPT 1/8	17.5	30.0	23.9	8.5	19.9	11/16	C24470618
	NPT 1/4		32.0				11/16	C24470628
	NPT 3/8		33.0				11/16	C24470638
	NPT 1/2		36.0				7/8	C24470648
1/2	NPT 1/4	21.0	35.5	28.5	10.5	23.0	3/4	C24470728
	NPT 3/8		36.5				3/4	C24470738
	NPT 1/2		39.5				7/8	C24470748



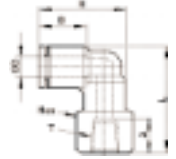
C2043



Stem Elbow

ØA	ØB	H	B	L	A	
5/32	5/32	18.7	16.3	37.5	24.0	C20430200
3/16	3/16	19.1	16.8	37.5	24.0	C20430300
1/4	1/4	20.5	17.4	41.0	25.0	C20430400
5/16	5/16	22.7	18.7	42.9	26.0	C20430500
3/8	3/8	23.8	20.2	45.8	28.0	C20430600
1/2	1/2	28.3	22.0	51.5	30.0	C20430700

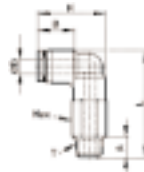
C2448



**90° Swivel Elbow Adaptor
(Female)**

ØD	T	D	L	H	A	B	Hex	
5/32	NPT 1/8	10.5	22.5	18.6	9.0	16.2	14	C24480218
	NPT 1/4		22.5		9.0		17.46	C24480228
3/16	NPT 1/8	11.5	22.5	19.1	9.0	16.8	14	C24480318
	NPT 1/4		22.5		9.0		17.46	C24480328
1/4	NPT 1/8	13.0	25.0	20.4	9.0	17.3	14	C24480418
	NPT1/4		27.0		11.0		17.46	C24480428
	NPT 3/8		28.0		12.0		22	C24480438
5/16	NPT 1/8	14.5	25.9	22.3	9.0	18.2	14	C24480518
	NPT 1/4		27.9		11.0		17.46	C24480528
	NPT 3/8		28.9		12.0		22	C24480538
3/8	NPT 1/4	17.5	28.5	23.9	11.0	19.9	17.46	C24480628
	NPT 3/8		29.5		12.0		22	C24480638
	NPT 1/2		33.0		14.5		24.5	C24480648
1/2	NPT 3/8	21.0	33.0	28.5	12.0	23.0	22	C24480738
	NPT 1/2		36.5		14.5		24.5	C24480748

C2454



**90° Swivel Elbow Adaptor
(Extended)**

ØD	T	D	L	H	A	B	Hex	
5/32	UNF 10/32	10.5	32.5	18.6	3.6	16.2	3/8	C24540210
	NPT 1/8		35.5		8.5		7/16	C24540218
	NPT 1/4		38.5		10.5		9/16	C24540228
3/16	NPT 1/8	11.5	35.0	19.1	8.5	16.8	7/16	C24540318
	NPT 1/4		38.5		10.5		9/16	C24540328
	NPT 3/8		38.5		11.5		11/16	C24540338
1/4	UNF 10/32	13.0	37.5	20.4	3.6	17.3	1/2	C24540410
	NPT 1/8		41.3		8.5		1/2	C24540418
	NPT 1/4		44.0		10.5		9/16	C24540428
	NPT 3/8		45.0		11.5		11/16	C24540438
5/16	NPT 1/4	14.5	44.4	22.3	8.5	18.2	9/16	C24540518
	NPT 1/8		46.4		10.5		9/16	C24540528
	NPT 3/8		50.4		11.5		11/16	C24540538
3/8	NPT 1/8	17.5	48.0	23.9	8.5	19.9	11/16	C24540618
	NPT 1/4		50.0		10.5		11/16	C24540628
	NPT 3/8		51.0		11.5		11/16	C24540638
	NPT 1/2		54.0		14.5		7/8	C24540648
1/2	NPT 1/4	21.0	57.5	28.5	10.5	23.0	3/4	C24540728
	NPT 3/8		58.5		11.5		3/4	C24540738
	NPT 1/2		61.5		14.5		7/8	C24540748

C2R51



Banjo

L	T	H	ØD	B	A	Hex	
18.2	UNF 10/32	25.1	5/32	16.3	3.6	8.0	C2R510210
18.2	UNF 10/32	26.6	3/16	16.8	3.6	8.0	C2R510310
18.2	UNF 10/32	28.7	1/4	17.4	3.6	8.0	C2R510410
25.0	NPT 1/8	30.5	5/32	16.3	8.0	11.0	C2R510218
25.0	NPT 1/8	31.4	3/16	16.8	8.0	11.0	C2R510318
25.0	NPT 1/8	32.0	1/4	17.4	8.0	11.0	C2R510418
25.0	NPT 1/8	33.0	5/16	18.7	8.0	11.0	C2R510518
28.8	NPT 1/4	35.3	3/16	16.8	10.0	15.0	C2R510328
28.8	NPT 1/4	35.9	1/4	17.4	10.0	15.0	C2R510428
28.8	NPT 1/4	36.8	5/16	18.7	10.0	15.0	C2R510528
28.8	NPT 1/4	37.5	3/8	20.2	10.0	15.0	C2R510628
33.7	NPT 3/8	40.1	5/16	18.7	11.0	19.0	C2R510538
33.7	NPT 3/8	42.1	3/8	20.2	11.0	19.0	C2R510638
33.7	NPT 3/8	45.1	1/2	22.0	11.0	19.0	C2R510738
39.4	NPT 1/2	47.3	3/8	20.2	14.0	24.0	C2R510648
39.4	NPT 1/2	50.5	1/2	22.0	14.0	24.0	C2R510748



Pneufit C & Pneufit M composite fittings Inch

C2VA0

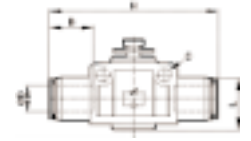


Banjo Flow Control (Regulating out)

L								
MI	MA	T	H	ØD	B	A	HEX	
27.2	30.2	UNF 10/32	21.5	1/8	11.1	3.6	8.0	C2VA00110
27.2	30.2	UNF 10/32	25.1	5/32	16.3	3.6	8.0	C2VA00210
27.2	30.2	UNF 10/32	26.6	3/16	16.8	3.6	8.0	C2VA00310
27.2	30.2	UNF 10/32	28.7	1/4	17.4	3.6	8.0	C2VA00410
34.9	40.1	NPT 1/8	30.5	5/32	16.3	8.0	11.0	C2VA00218
34.9	40.1	NPT 1/8	31.4	3/16	16.8	8.0	11.0	C2VA00318
34.9	40.1	NPT 1/8	32.0	1/4	17.4	8.0	11.0	C2VA00418
34.9	40.1	NPT 1/8	33.0	5/16	18.7	8.0	11.0	C2VA00518
40.0	45.7	NPT 1/4	34.5	5/32	16.3	10.0	15.0	C2VA00228
40.0	45.7	NPT 1/4	35.3	3/16	16.8	10.0	15.0	C2VA00328
40.0	45.7	NPT 1/4	35.9	1/4	17.4	10.0	15.0	C2VA00428
40.0	45.7	NPT 1/4	36.8	5/16	18.7	10.0	15.0	C2VA00528
40.0	45.7	NPT 1/4	37.5	3/8	20.2	10.0	15.0	C2VA00628
46.7	55.0	NPT 3/8	39.7	1/4	17.4	11.0	19.0	C2VA00438
46.7	55.0	NPT 3/8	40.1	5/16	18.7	11.0	19.0	C2VA00538
46.7	55.0	NPT 3/8	42.1	3/8	20.2	11.0	19.0	C2VA00638
46.7	55.0	NPT 3/8	45.1	1/2	22.0	11.0	19.0	C2VA00738
53.0	60.2	NPT 1/2	45.8	5/16	18.7	14.0	24.0	C2VA00548
53.0	60.2	NPT 1/2	47.3	3/8	20.2	14.0	24.0	C2VA00648
53.0	60.2	NPT 1/2	50.5	1/2	22.0	14.0	24.0	C2VA00748

Please see Speed Controllers Flowrate on page 14

C24GE



In-Line Flow Control

MI	MA	C	H	ØD	B	
29.9	33.3	3.3	45.1	5/32	16.3	C24GE0200
35.0	39.5	4.3	50.3	3/16	16.8	C24GE0300
35.0	39.5	4.3	50.3	1/4	17.4	C24GE0400
37.4	42.1	4.4	55.7	5/16	18.7	C24GE0500
43.8	49.0	4.4	61.2	3/8	20.2	C24GE0600
47.4	53.6	4.4	69.8	1/2	22.0	C24GE0700

Please see Speed Controllers Flowrate on page 15

C2WAO

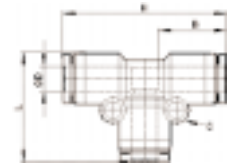


Banjo Flow Control (Regulating in)

L								
MI	MA	T	H	ØD	B	A	HEX	
27.2	30.2	UNF 10/32	21.5	1/8	11.1	3.6	8.0	C2WAO0110
27.2	30.2	UNF 10/32	25.1	5/32	16.3	3.6	8.0	C2WAO0210
27.2	30.2	UNF 10/32	26.2	3/16	16.8	3.6	8.0	C2WAO0310
27.2	30.2	UNF 10/32	28.7	1/4	17.4	3.6	8.0	C2WAO0410
34.9	40.1	NPT 1/8	30.5	5/32	16.3	8.0	11.0	C2WAO0218
34.9	40.1	NPT 1/8	31.4	3/16	16.8	8.0	11.0	C2WAO0318
34.9	40.1	NPT 1/8	32.0	1/4	17.4	8.0	11.0	C2WAO0418
34.9	40.1	NPT 1/8	33.0	5/16	18.7	8.0	11.0	C2WAO0518
40.0	45.7	NPT 1/4	34.5	5/32	16.3	10.0	15.0	C2WAO0228
40.0	45.7	NPT 1/4	35.3	3/16	16.8	10.0	15.0	C2WAO0328
40.0	45.7	NPT 1/4	35.9	1/4	17.4	10.0	15.0	C2WAO0428
40.0	45.7	NPT 1/4	36.8	5/16	18.7	10.0	15.0	C2WAO0528
40.0	45.7	NPT 1/4	37.5	3/8	20.2	10.0	15.0	C2WAO0628
46.7	55.0	NPT 3/8	39.7	1/4	17.4	11.0	19.0	C2WAO0438
46.7	55.0	NPT 3/8	40.1	5/16	18.7	11.0	19.0	C2WAO0538
46.7	55.0	NPT 3/8	42.1	3/8	20.2	11.0	19.0	C2WAO0638
46.7	55.0	NPT 3/8	45.1	1/2	22.0	11.0	19.0	C2WAO0738
53.0	60.2	NPT 1/2	45.8	5/16	18.7	14.0	24.0	C2WAO0548
53.0	60.2	NPT 1/2	47.3	3/8	20.2	14.0	24.0	C2WAO0648
53.0	60.2	NPT 1/2	50.5	1/2	22.0	14.0	24.0	C2WAO0748

Please see Speed Controllers Flowrate on page 14

C2060

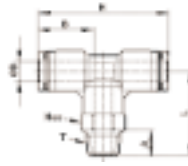


Union Tee

ØD	H	L	C	B	
5/32	36.6	24.2	3.3	16.3	C20600200
3/16	39.5	25.5	3.5	16.8	C20600300
1/4	42.6	27.8	3.5	17.4	C20600400
5/16	44.9	30.65	4.3	18.7	C20600500
3/8	51.6	34.6	4.5	20.2	C20600600
1/2	60.5	40.8	4.5	22.0	C20600700



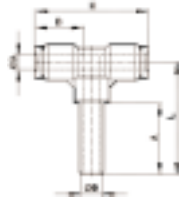
C2467



Swivel Tee Adaptor

ØD	T	D	L	H	A	B	Hex
5/32	UNF 10/32	10.5	21.4	37.0	3.6	16.2	3/8 C24670210
	NPT 1/8		25.0		8.5		7/16 C24670218
	NPT 1/4		28.0		10.5		9/16 C24670228
3/16	UNF 10/32	11.5	23.4	38.2	3.6	16.8	7/16 C24670310
	NPT 1/8		25.0		8.5		7/16 C24670318
	NPT 1/4		28.0		10.5		9/16 C24670328
	NPT 3/8		29.0		11.5		11/16 C24670338
1/4	UNF 10/32	13.0	25.9	40.8	3.6	17.3	1/2 C24670410
	NPT 1/8		27.8		8.5		1/2 C24670418
	NPT 1/4		30.5		10.5		9/16 C24670428
	NPT 3/8		31.5		11.5		11/16 C24670438
5/16	NPT 1/8	14.5	29.4	43.7	8.5	18.2	9/16 C24670518
	NPT 1/4		31.4		10.5		9/16 C24670528
	NPT 3/8		32.4		11.5		11/16 C24670538
	NPT 1/2		35.4		14.5		7/8 C24670548
3/8	NPT 1/8	17.5	30.0	47.7	8.5	19.9	11/16 C24670618
	NPT 1/4		32.0		10.5		11/16 C24670628
	NPT 3/8		33.0		11.5		11/16 C24670638
	NPT 1/2		36.0		14.5		7/8 C24670648
1/2	NPT 1/4	21.0	35.5	56.5	10.5	23.0	3/4 C24670728
	NPT 3/8		36.5		11.5		3/4 C24670738
	NPT 1/2		39.5		14.5		7/8 C24670748

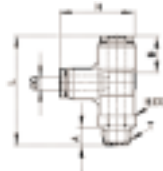
C2063



Stem Tee

ØA	ØB	A	L	H	B
5/32	5/32	24.0	37.5	37.0	16.3
3/16	3/16	24.0	37.5	38.2	16.8
1/4	1/4	25.0	41.0	40.8	17.4
5/16	5/16	26.0	43.0	43.7	18.7
3/8	3/8	28.8	45.8	47.7	20.2
1/2	1/2	30.0	51.5	56.5	22.0
1/4	5/32	25.0	38.5	37.0	16.3
5/16	1/4	26.0	42.0	40.8	17.4
3/8	1/4	28.0	44.3	40.8	17.4
3/8	5/16	28.0	45.3	43.7	18.7
1/2	3/8	30.0	48.0	47.7	20.2

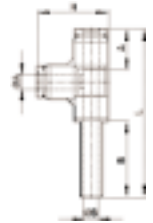
C2468



Swivel Side Tee Adaptor

ØD	T	D	L	H	A	B	Hex
5/32	UNF 10/32	10.5	42.1	25.0	3.6	16.2	3/8 C24680210
	NPT 1/8		45.7		8.5		7/16 C24680218
	NPT 1/4		48.7		10.5		9/16 C24680228
3/16	UNF 10/32	11.5	41.5	25.1	3.6	16.8	7/16 C24680310
	NPT 1/8		45.1		8.5		7/16 C24680318
	NPT 1/4		48.1		10.5		9/16 C24680328
	NPT 3/8		49.1		11.5		11/16 C24680338
1/4	UNF 10/32	13.0	47.4	28.0	3.6	17.3	1/2 C24680410
	NPT 1/8		49.3		8.5		1/2 C24680418
	NPT 1/4		52.0		10.5		9/16 C24680428
	NPT 3/8		53.0		11.5		11/16 C24680438
5/16	NPT 1/8	14.5	53.7	30.9	8.5	18.2	9/16 C24680518
	NPT 1/4		55.7		10.5		9/16 C24680528
	NPT 3/8		56.7		11.5		11/16 C24680538
	NPT 1/2		59.7		14.5		7/8 C24680548
3/8	NPT 1/8	17.5	63.3	34.7	8.5	19.9	11/16 C24680618
	NPT 1/4		65.3		10.5		11/16 C24680628
	NPT 3/8		66.3		11.5		11/16 C24680638
	NPT 1/2		69.3		14.5		7/8 C24680648
1/2	NPT 1/4	21.0	57.3	40.8	10.5	23.0	3/4 C24680728
	NPT 3/8		58.3		11.5		3/4 C24680738
	NPT 1/2		61.3		14.5		7/8 C24680748

C2064



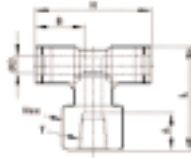
Stem Side Tee

ØA	ØB	A	L	H	B
5/32	5/32	24.0	58.2	25.0	16.3
3/16	3/16	24.0	57.6	25.1	16.8
1/4	1/4	25.0	62.5	28.0	17.4
5/16	5/16	26.0	67.2	30.9	18.7
3/8	3/8	28.0	73.0	34.7	20.2
1/2	1/2	30.0	81.8	40.8	22.0
1/4	5/32	25.0	59.2	25.0	16.3
5/16	1/4	26.0	63.5	28.0	17.4
3/8	1/4	28.0	65.8	28.0	17.4
3/8	5/16	28.0	69.5	30.9	18.7
1/2	3/8	30.0	75.2	34.7	20.2



Pneufit C & Pneufit M composite fittings Inch

C246C

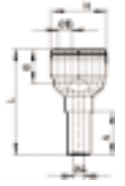


Swivel Tee Adaptor

(Female)

ØD	T	D	L	H	A	B	Hex		
5/32	NPT 1/8	10.5	22.5	37.0	9.0	16.2	14	C246C0218	
	NPT 1/8		22.5		9.0		14	C246C0318	
3/16	NPT 1/4	11.5	22.5	38.2	9.0	16.8	17.46	C246C0328	
			27.0				11.0	14	C246C0418
1/4	UNF 1/4	13.0	25.0	40.8	9.0	17.3	17.46	C246C0428	
			27.0				11.0	14	C246C0518
5/16	NPT 1/8	14.5	26.0	43.7	9.0	18.2	14	C246C0518	
			28.0				11.0	17.46	C246C0528
			29.0				12.0	22	C246C0538
3/8	NPT 1/4	17.5	28.5	47.7	11.0	19.9	17.46	C246C0628	
			29.5				12.0	22	C246C0638
1/2	NPT 3/8	21.0	33.0	56.5	12.0	23.0	22	C246C0738	
			36.5				14.5	24.5	C246C0748

C2084



Stem Y

(equal)

ØA	ØD	A	L	H	B	
5/32	5/32	24.0	54.2	21.0	16.3	C20840202
3/16	3/16	24.0	57.9	23.0	16.8	C20840300
1/4	1/4	25.0	60.9	29.0	17.4	C20840404
5/16	5/16	26.0	60.5	29.0	18.7	C20840505
3/8	3/8	28.0	68.5	35.0	20.2	C20840600
1/2	1/2	30.0	80.6	41.0	22.0	C20840700

C2082

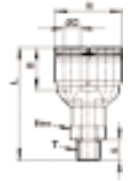


Union Y

(equal)

ØD	H	L	B	ØE	C	
5/32	21.0	37.1	16.3	10.5	3.3	C20820200
3/16	23.0	37.1	16.8	11.5	3.3	C20820300
1/4	26.0	39.8	17.4	13.0	3.3	C20820400
5/16	29.0	43.4	18.7	14.5	4.3	C20820500
3/8	35.0	47.7	19.6	17.5	4.3	C20820600
1/2	42.0	54.5	22.0	21.0	4.5	C20820700

C2488



Swivel Y adaptor

ØD	T	D	L	H	A	B	Hex	
5/32	UNF 10/32	10.5	38.1	21.0	3.6	16.2	3/8	C24880210
	NPT 1/8		41.7		8.5		7/16	C24880218
	NPT 1/4		44.7		10.5		9/16	C24880228
3/16	UNF 10/32	11.5	41.8	23.0	3.6	16.8	7/16	C24880310
	NPT 1/8		45.4		8.5		7/16	C24880318
	NPT 1/4		48.4		10.5		9/16	C24880328
	NPT 3/8		49.4		11.5		11/16	C24880338
1/4	UNF 10/32	13.0	45.8	26.0	3.6	17.3	1/2	C24880410
	NPT 1/8		47.7		8.5		1/2	C24880418
	NPT 1/4		50.4		10.5		9/16	C24880428
	NPT 3/8		51.4		11.5		11/16	C24880438
5/16	NPT 1/8	14.5	47.0	29.0	8.5	18.2	9/16	C24880518
	NPT 1/4		49.0		10.5		9/16	C24880528
	NPT 3/8		50.0		11.5		11/16	C24880538
	NPT 1/2		53.0		14.5		7/8	C24880548
3/8	NPT 1/8	17.5	52.7	35.0	8.5	19.9	11/16	C24880618
	NPT 1/4		54.7		10.5		11/16	C24880628
	NPT 3/8		55.7		11.5		11/16	C24880638
	NPT 1/2		58.7		14.5		7/8	C24880648
1/2	NPT 1/4	21.0	64.6	42.0	10.5	23.0	3/4	C24880728
	NPT 3/8		65.6		11.5		3/4	C24880738
	NPT 1/2		68.6		14.5		7/8	C24880748

C2082



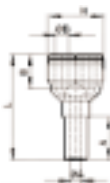
Union Y

(Unequal)

ØA	ØB	L	H	B1	B2	ØE	ØF	C	
3/16	5/32	37.0	21.0	16.8	16.3	11.5	10.5	3.3	C208203002
1/4	5/32	38.1	21.0	17.4	16.3	13.0	10.5	3.3	C208204002
1/4	3/16	38.7	23.0	17.4	16.8	13.0	11.5	3.3	C208204003
5/16	1/4	42.1	26.0	18.7	17.4	14.6	13.0	3.3	C208205004
3/8	5/16	43.3	29.0	19.6	18.7	17.5	14.5	4.3	C208206005
1/2	3/8	50.8	35.0	22.0	20.2	21.0	17.5	3.5	C208207006



C2084



Stem Y (Unequal)

ØA	ØD	A	L	H	B	
1/4	5/32	25.0	55.2	21.0	16.3	C20840402
5/16	1/4	26.0	61.9	29.0	17.4	C20840504
3/8	1/4	28.0	64.2	35.0	17.4	C20840604
3/8	5/16	28.0	62.8	35.0	18.7	C20840605

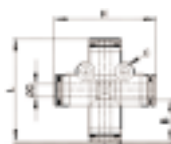
C24D3



Male Manifold

ØA	ØB	C	H	L	B1	B2	A	T	Hex	
1/4	5/32	3.3	26.6	71.1	17.4	16.3	8.5	NPT 1/8	1/2	C24D30218
5/16	5/32	4.3	28.2	77.7	18.7	16.3	10.5	NPT 1/4	9/16	C24D30228
5/16	1/4	4.3	30.0	84.0	18.7	17.4	10.5	NPT 1/4	9/16	C24D30428
3/8	1/4	4.3	32.2	86.9	20.2	17.4	11.5	NPT 3/8	11/16	C24D30438

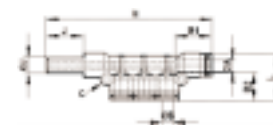
C2090



Union Cross

ØD	C	H	L	B	
5/32	3.3	36.6	37.9	16.3	C20900200
3/16	3.3	39.2	39.2	16.8	C20900300
1/4	3.3	42.6	42.6	17.4	C20900400
5/16	4.3	44.9	46.8	18.7	C20900500
3/8	4.3	48.2	50.5	20.0	C20900600
1/2	4.3	60.5	60.5	22.0	C20900700

C20J3



Stem Manifold

ØA	ØB	C	H	L	B1	B2	J	ØJ	
1/4	5/32	4.5	26.6	84.3	17.4	16.3	25.0	1/4	C20J30402
5/16	5/32	4.3	28.5	89.5	18.7	16.3	26.0	5/16	C20J30502
5/16	1/4	4.5	30.0	91.0	18.7	17.4	26.0	5/16	C20J30504
3/8	1/4	4.5	32.2	99.7	20.2	17.4	28.0	3/8	C20J30604
3/8	5/16	4.3	34.5	109.7	20.2	18.7	28.0	3/8	C20J30605

C20D3



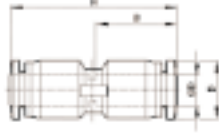
Manifold Union

ØA	ØB	C	H	L	B1	B2	
1/4	5/32	4.5	26.6	61.6	17.4	16.3	C20D30402
5/16	5/32	4.3	28.2	65.6	18.7	16.3	C20D30502
5/16	1/4	4.5	30.0	71.9	18.7	17.4	C20D30504
3/8	1/4	4.5	32.2	74.2	20.2	17.4	C20D30604
3/8	5/16	4.3	34.5	83.6	20.2	18.7	C20D30605



Pneufit C & Pneufit M composite fittings Inch

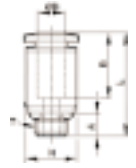
M2020



Straight Union

ØD	D	B	H	
1/8	7.6	11.1	23.2	M20200100
5/32	8.5	11.6	24.5	M20200200

M242A

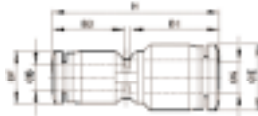


Straight Adaptor

(Internal hex only)

ØD	T	A	L	B	H	Hex	
1/8	UNF 10/32	4.6	17.7	11.1	Ø 7	2.0	M242A0110
1/8	NPT 1/16	8.0	18.0	11.1	Ø 7.9	2.38	M242A0116
1/8	NPT 1/8	8.5	11.1	11.1	Ø 11	2.38	M242A0118
5/32	NPT 10/32	4.6	18.2	11.6	Ø 8	2.5	M242A0210
5/32	NPT 1/16	8.0	19.0	11.6	Ø 7.9	2.38	M242A0216
5/32	NPT 1/8	8.5	16.3	11.6	Ø 11	2.38	M242A0218

M2020

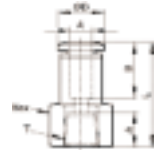


Straight Union

(Unequal)

ØB	ØF	ØA	ØE	B2	B1	H	
1/8	7.6	5/32	8.5	11.1	11.6	23.8	M20200201

M2426

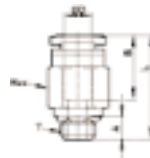


Straight Adaptor

(Female)

ØD	T	A	L	B	D	Hex	
1/8	UNF 10/32	6.0	18.8	11.1	7.5	8.0	M24260110
1/8	NPT 1/16	8.0	20.5	11.1	7.5	10.3	M24260116
5/32	UNF 10/32	6.0	19.7	11.6	8.0	8.0	M24260210
5/32	NPT 1/6	8.0	21.7	11.6	8.5	10.3	M04260216

M2425

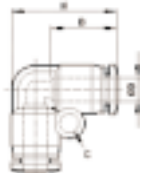


Straight Adaptor

(external + internal hex)

ØD	T	A	L	B	Hex	
1/8	UNF 10/32	4.6	17.7	11.1	8	M24250110
1/8	NPT 1/16	8.0	16.5	11.1	8	M24250116
1/8	NPT 1/8	8.5	17.5	11.1	11.1	M24250118
5/32	UNF 10/32	4.6	18.2	11.6	8	M24250210
5/32	NPT 1/16	8.0	18.0	11.6	8	M24250216
5/32	NPT 1/8	8.5	18.5	11.6	11.1	M24250218

M2040

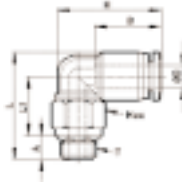


Union Elbow

ØD	C	B	H	
1/8	3.2	11.1	17.1	M20400100
5/32	3.2	11.6	18.5	M20400200



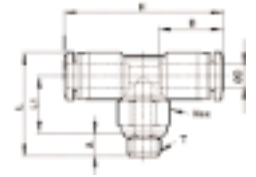
M2447



90° Swivel Elbow Adapter

ØD	T	A	L1	L	H	B	Hex	
1/8	UNF 10/32	3.6	13.0	20.4	17.2	11.1	8	M24470110
1/8	NPT 1/16	8.0	12.2	21.9	17.2	11.1	8	M24470116
1/8	NPT 1/8	8.5	12.2	23.2	17.2	11.1	11	M24470118
5/32	UNF 10/32	3.6	13.0	20.9	18.2	11.6	8	M24470210
5/32	NPT 1/6	8.0	12.2	22.4	18.2	11.6	8	M24470216
5/32	NPT 1/8	8.5	12.2	23.7	18.2	11.6	11	M24470218

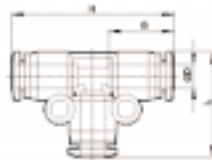
M2467



Swivel Tee Adapter

ØD	T	A	L1	L	H	B	Hex	
1/8	UNF 10/32	3.6	13.0	20.4	26.6	11.1	8	M24670110
1/8	NPT 1/16	8.0	12.2	21.9	26.6	11.1	8	M24670116
1/8	NPT 1/8	8.5	12.2	23.2	26.6	11.1	11	M24670118
5/32	UNF 10/32	3.6	13.0	20.9	28.6	11.6	8	M24670210
5/32	NPT 1/16	8.0	12.2	22.4	28.6	11.6	8	M24670216
5/32	NPT 1/8	8.5	12.2	23.7	28.6	11.6	11	M24670218

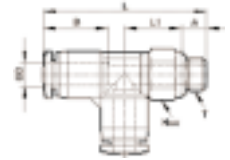
M2060



Union Tee

ØD	C	L	B	H	
1/8	3.2	17.1	11.1	26.6	M20600100
5/32	3.2	18.5	11.6	28.6	M20600200

M2468



Swivel Side Tee Adapter

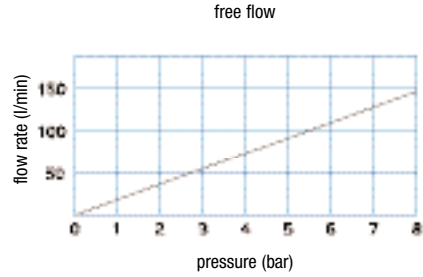
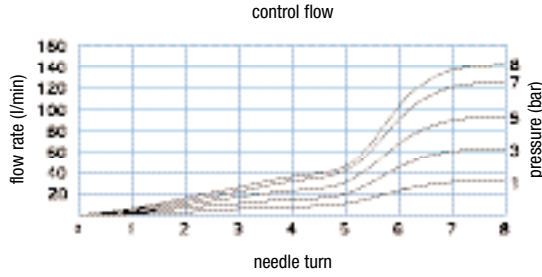
ØD	T	A	L1	H	L	B	Hex	
1/8	UNF 10/32	3.6	13.0	13.3	30.0	11.1	8	M24680110
1/8	NPT 1/16	8.0	12.2	13.3	31.5	11.1	8	M24680116
1/8	NPT 1/8	8.5	12.2	13.3	32.8	11.1	11	M24680118
5/32	UNF 10/32	3.0	13.0	14.2	30.4	11.6	8	M24680210
5/32	NPT 1/16	8.0	12.2	14.2	31.9	11.6	8	M24680216
5/32	NPT 1/8	8.5	12.2	14.2	33.2	11.6	11	M24680218



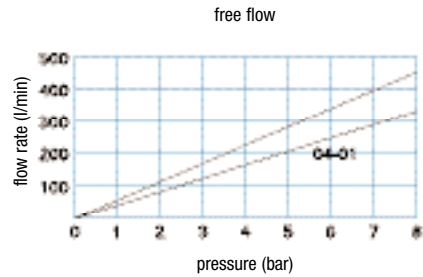
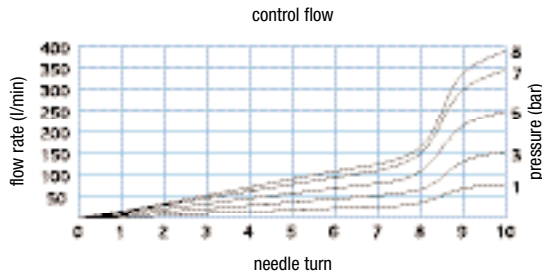
Pneufit C & Pneufit M composite fittings Inch

Speed Controllers Flowrate for C2VA0 and C2WA0 Banjo Types

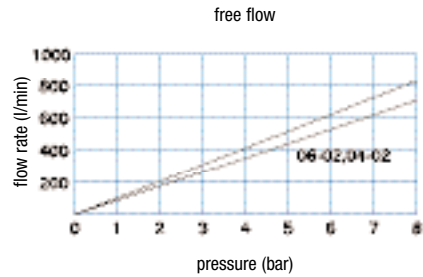
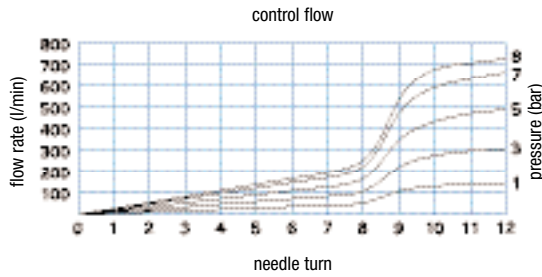
1/8, 5/32 and 1/4" to
10/32 UNF



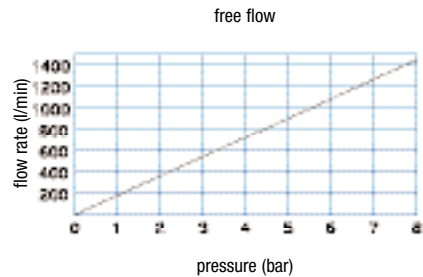
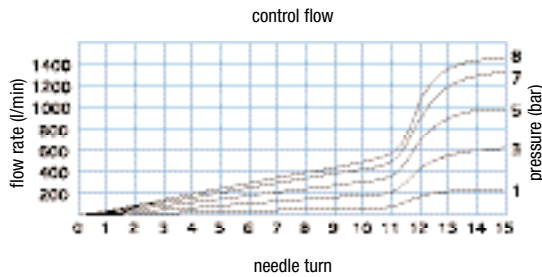
5/32, 1/4, 5/16 to
1/8 NPT



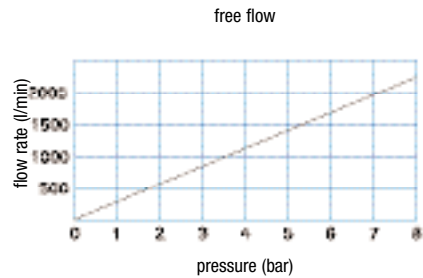
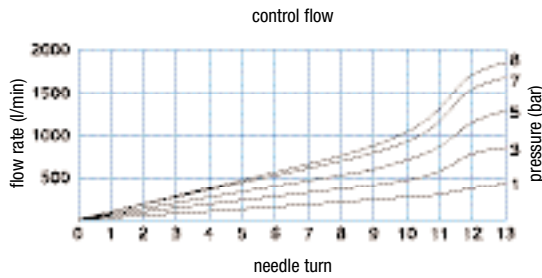
5/32, 1/4, 5/16, 3/8, 1/2
to 1/4 NPT



1/4, 5/16, 3/8, 1/2 to
3/8 NPT



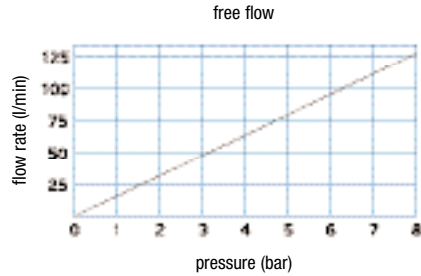
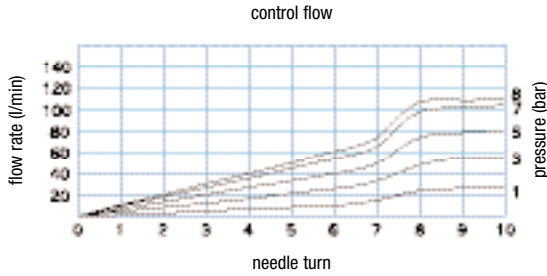
5/16, 3/8, 1/2 to
1/2 NPT



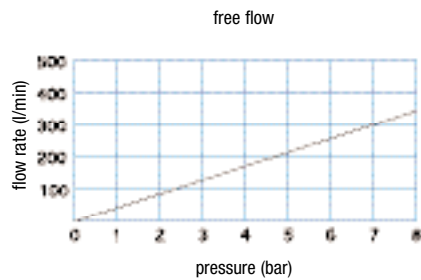
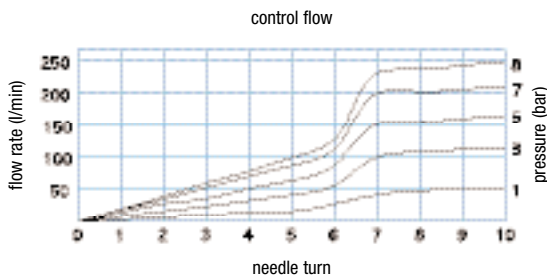


Speed Controllers Flowrate for C24GE Banjo Types

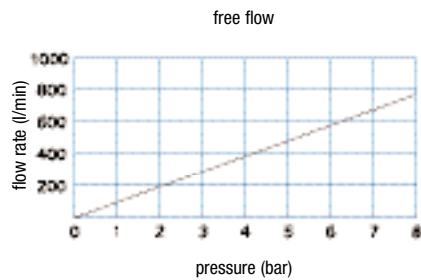
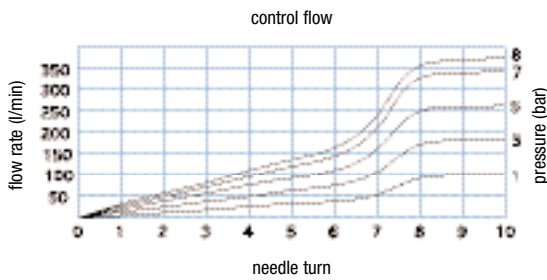
C24GE0200
5/32 NPT



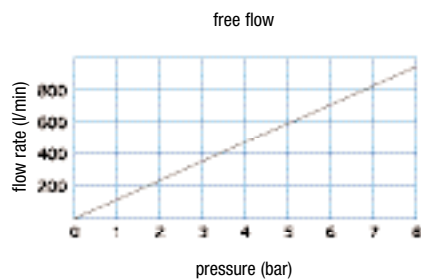
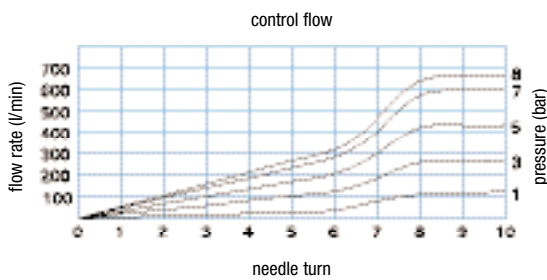
C24GE0400
1/4 NPT



C24GE0500
5/16 NPT



C24GE0600
3/8 NPT



C24GE0700
1/2 NPT

