Pneufit® C series
PUSH-IN fittings, metric

- **Standard port size: Ø 4 ... 16 mm O/D tube, BSP threads**
- **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 PA or PUR 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.**

Technical features

Medium:
Compressed air
Operating pressure:
10 bar (145 psi) max.
Vacuum:
750 mm of Hg
Thread sizes:
M5, M6, 1/8, 1/4, 3/8 and 1/2
ISO G, ISO Rc and ISO R

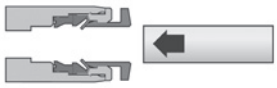
Ambient/Media temperature:
-20°C ... +60°C (-4 ... 140°F)
Tube sizes:
4, 6, 8, 10, 12, 16 mm
(depending on the design)
Tubing types:
PA 11 or 12
PUR 85, 95 or 98 durometer

Warning:
The Norgren Pneufit® C range must not be used in vehicle air braking or ancillary systems. For push in fittings suitable for these applications, please refer to the Fleetfit range.

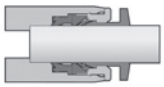
Materials:
Body: PBT
Seals: NBR (silicone free) u-packing and O-rings
Threaded bodies: nickel plated brass
Release sleeve and backing ring: POM
Grab-ring: stainless steel
Collar: nickel plated brass
Thread sealant: chemitech G-175L

Method of assembly

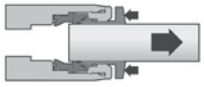
1. Ensure that the end of the tube is cut square and is free from burrs.



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



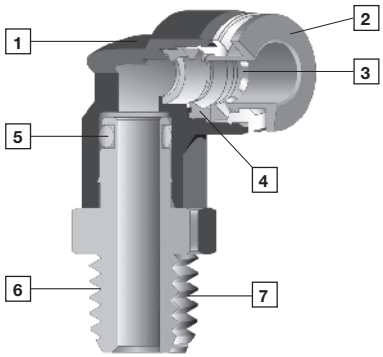
3. Continue pushing the tube through the 'O'-ring until it bottoms on the tube stop then pull back.



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

NORGREN

Components



1 Impact resistant PBT body in black
2 Release buttons are red for metric, grey for inch
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.

Option selector

C0★★★★★★★

Thread type	Thread size/tube size
Shape	Thread size/tube size

Straight adaptors and connectors

Straight adaptor, BSPT thread (external + internal hex) C0125  Page 7	Straight adaptor, BSPP thread (external + internal hex) C0225  Page 7	Straight adaptor, metric or BSPT thread (internal hex only) C012A/C022A  Page 7	Female adaptor, metric or BSPP thread C0226  Page 7	Straight union C0020  Page 8	Straight union (unequal) C0020  Page 8	Stem reducer C0023  Page 8

Stem expander (stem/tube) C0023  Page 8	Bulkhead union C0029  Page 8	Straight adaptor, BSPP thread (female bulkhead) C0232  Page 8	Stem union (equal) C0022  Page 8	Stem union (unequal) C0022  Page 9	Plug C0004  Page 9	Cap (female plug) C0012  Page 9

Elbow adaptors and connectors

Union elbow C0040  Page 9	90° Swivel elbow adaptor, BSPT thread C0147  Page 9	90° Swivel elbow adaptor, BSPP thread C0247  Page 9	Stem elbow C0043  Page 10	90° Swivel elbow adaptor (extended), metric or BSPT thread C0154/C0254  Page 10	90° Swivel elbow adaptor (female), metric or BSPT thread C0148/C0248  Page 10	Bulkhead union elbow C0049  Page 10

Y and quadruple connectors

Union Y (equal + unequal) C0082  Page 11	Swivel Y adaptor, BSPT thread C0188  Page 11	Swivel Y adaptor, BSPP thread C0288  Page 11	Stem Y (equal + unequal) C0084  Page 11	Quadruple stem reducer C0096  Page 12	Quadruple Y union, BSPT thread C0195  Page 12	Quadruple Y union, BSPP thread C0295  Page 12	Quadruple reducer C0097  Page 12

Tee connectors and adaptors

Union tee (equal) C0060

Page 12

Union tee (unequal) C006A

Page 12

Swivel tee adaptor, BSPT thread C0167

Page 13

Swivel tee adaptor, BSPP thread C0267

Page 13

Swivel side tee adaptor (female), metric or BSPT thread C016C/ C026C

Page 13

Stem tee (equal) C0063

Page 13

Stem tee (unequal) C0063

Page 13

Stem side tee (equal) C0064

Page 14

Stem side tee (unequal) C0064

Page 14

Swivel side tee adaptor, BSPT thread C0168

Page 14

Swivel side tee adaptor, BSPP thread C0268

Page 14

Cross and manifolds

Union cross C0090

Page 14

Manifold union C00D3

Page 15

Male manifold, BSPT thread C01D3

Page 15

Stem manifold C00J3

Page 15

Banjo, metric or BSPP thread C0A51

Page 15

Banjo (with top port), metric or BSPT thread C0D51, C0E51, C0F51, C0G51

Page 15

2x Swivel elbow adaptor, BSPT thread C0Q51

Page 16

2x Swivel elbow adaptor, BSPP thread C0B51

Page 16

3x Swivel elbow adaptor, BSPT thread C0H51

Page 16

3x Swivel elbow adaptor, BSPP thread C0C51

Page 16

Single universal tee, BSPT thread C0N71

Page 17

Single universal tee, BSPP thread C0A71

Page 17

Double universal tee, BSPT thread C0Q71

Page 17

Double universal tee, BSPP thread C0B71

Page 17

Triple universal tee, BSPT thread C0H71

Page 18

Triple universal tee, BSPP thread C0C71

Page 18

Branch adaptor, BSPT thread C0N70

Page 18

Branch adaptor, metric or BSPP thread C0A70

Page 18

Female branch adaptor, BSPT thread C0*7K

Page 19

Female branch adaptor, metric or BSPP thread C0*7J

Page 19

Double branch adaptor, BSPT thread C0Q70

Page 19

Double branch adaptor, BSPP thread C0B70

Page 19

Triple branch adaptor, BSPT thread C0H70

Page 20

Triple branch adaptor, BSPP thread C0C70

Page 20

Banjo flow controler

Banjo flow control (out), BSPT thread C0TA0  Page 20	Banjo flow control (out), metric or BSPP thread C0K51  Page 20	Banjo flow control (in), BSPT thread C0SAO  Page 21	Banjo flow control (in), metric or BSPP thread C0L51  Page 21	Shrouded banjo (out), BSPT thread C0TBO  Page 21	Shrouded banjo (out), metric or BSPP thread C0KBO  Page 21
Swivel speed control (out), BSPT thread C0T56  Page 22	Swivel speed control (out), metric or BSPP thread C0K56  Page 22	Speed control and pilot check, metric or BSPT thread C01GN  Page 23	Speed control and pilot check, metric or BSPT thread C02GN  Page 23	In-line flow control C0OGE  Page 24	In-line flow control C0OGP  Page 24

In-line non-return valve

In-line non-return valve C0OGL  Page 25	In-line non-return valve (in), BSPT thread C01G2  Page 25	In-line non-return valve (in), metric or BSPP thread C02G2  Page 25	In-line non-return valve (out), BSPT thread C01G3  Page 25	In-line non-return valve (out), metric or BSPP thread C02G3  Page 25

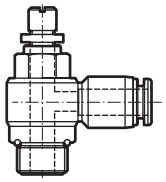
Self sealing adaptors

Straight adaptor, BSPT thread C0124  Page 26	Straight adaptor, BSPP thread C0224  Page 26	Straight union C002J  Page 26	Swivel elbow, BSPT thread C014J  Page 26	Swivel elbow, BSPP thread C024J  Page 26

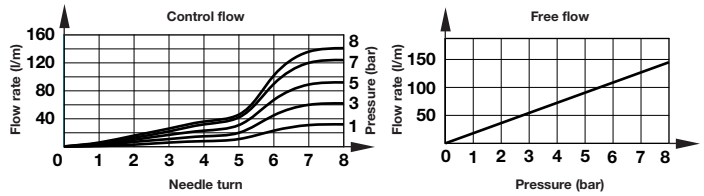
Hand valves

3/2 Shut-off valves, BSPT thread C01GG  Page 27	3/2 Shut-off valves, BSPT thread C01GH  Page 27	3/2 Shut-off valves, BSPT thread C01GJ  Page 27	3/2 Shut-off valves C01GF  Page 27

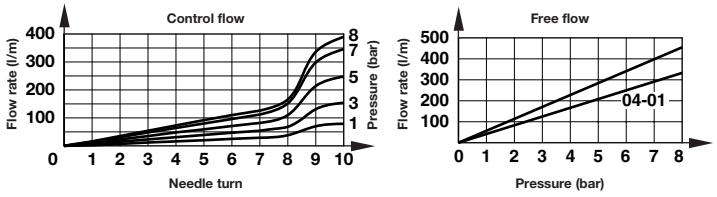
Speed controllers flowrate for C0K51, C0TA0, C0L51, C0K56, C0T56 and C0SA0 banjo types



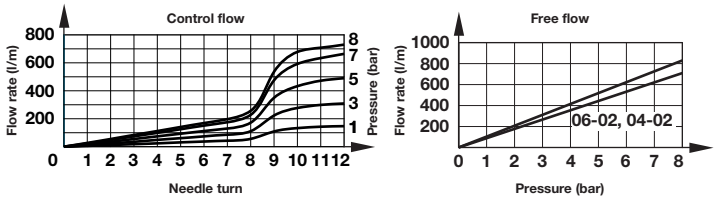
3, 4 and 6 mm
M5



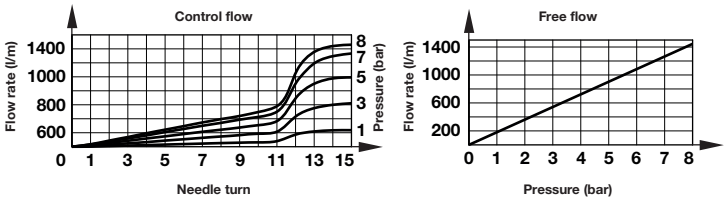
4, 6 and 8 mm
1/8



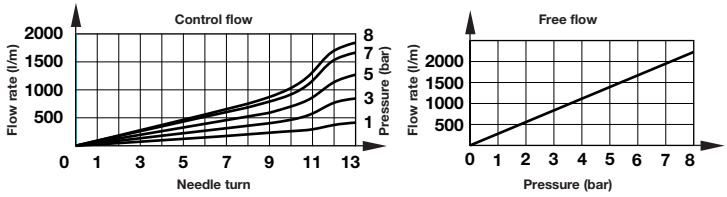
4, 6, 8, 10 and 12 mm
1/4



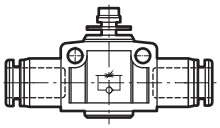
6, 8, 10 and 12 mm
3/8



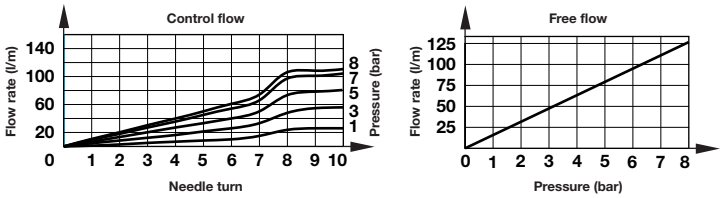
8, 10 and 12 mm1/2



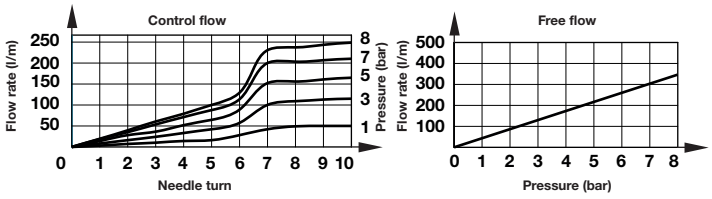
Speed controllers flowrate for C00GE, C00GP



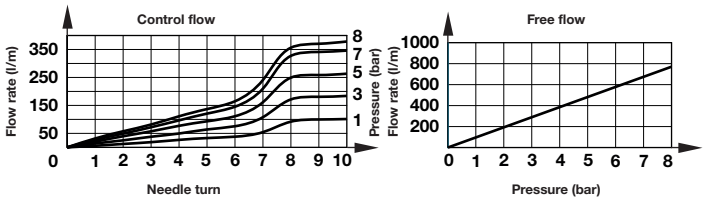
C00G*0400



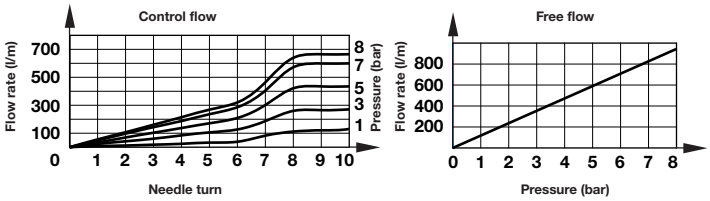
C00G*0600



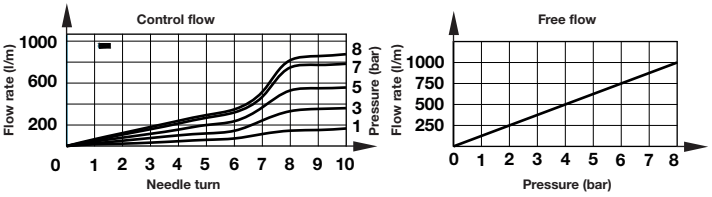
C00G*0800



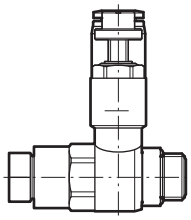
C00G*1000



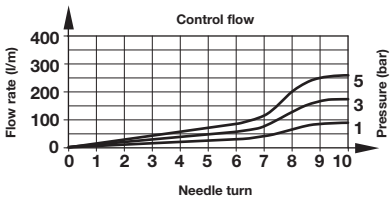
C00G*1200

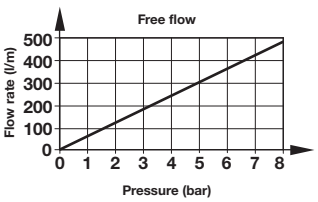


Speed controllers flowrate for C01GN and C02GN banjo types

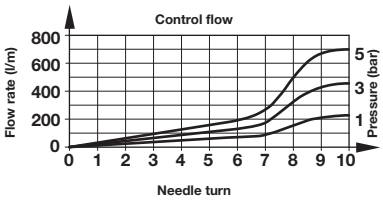


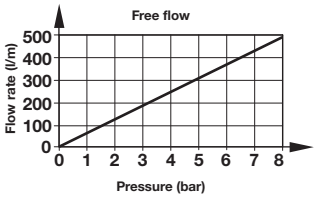
6 and 8 mm
1/8



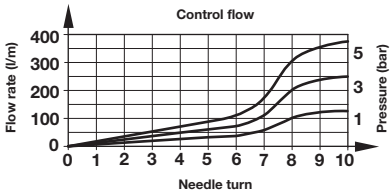


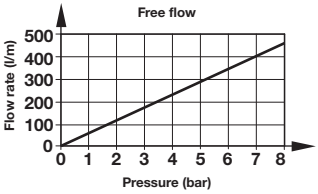
8, 10 and 12 mm
3/8



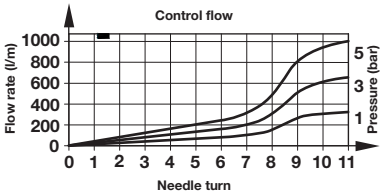


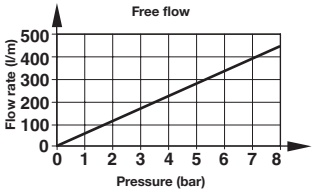
6 and 8 mm
1/4

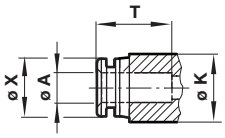


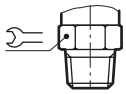


10 and 12 mm
1/2









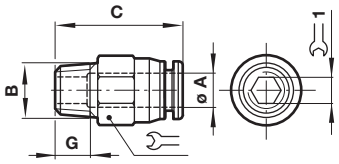
Technical data

Ø A	Ø K	T*1)	Ø X
4	10,5	15	9,5
6	12,5	16,5	12
8	14,5	18,5	14
10	17,5	20	16,5
12	20,5	23	19
16	27	23,5	25

Thread	Recommended torque	Thread	Recommended torque
M5	1,5 Nm		
M6	2,3 Nm		
G1/8	10 Nm	R1/8	7 Nm
G1/4	15 Nm	R1/4	12 Nm
G3/8	25 Nm	R3/8	22 Nm
G1/2	40 Nm	R1/2	28 Nm

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

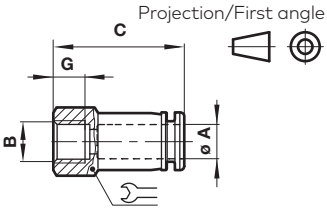
Straight adaptor (external + internal hex)
C0125



Ø A	B	C	G	⌲	⌲1	Model
4	R1/8	21,5	8	10	3	C01250418
4	R1/4	20,5	10	14	3	C01250428
4	R3/8	22	11	17	3	C01250438
6	R1/8	22	8	12	4	C01250618
6	R1/4	21	10	14	5	C01250628
6	R3/8	22	11	17	5	C01250638
6	R1/2	29,5	14	19	5	C01250648
8	R1/8	27,5	8	14	5	C01250818
8	R1/4	25,5	10	14	6	C01250828
8	R3/8	23	11	17	6	C01250838
8	R1/2	29,5	14	19	6	C01250848
10	R1/8	28,5	8	17	5	C01251018
10	R1/4	30,5	10	17	6	C01251028
10	R3/8	24,5	11	17	8	C01251038
10	R1/2	29,5	14	19	8	C01251048
12	R1/8	31,5	8	19	5	C01251218
12	R1/4	33	10	19	6	C01251228
12	R3/8	30	11	19	8	C01251238
12	R1/2	30	14	19	8	C01251248
16	R3/8	37,5	11	24	10	C01251638
16	R1/2	40,5	14	24	10	C01251648

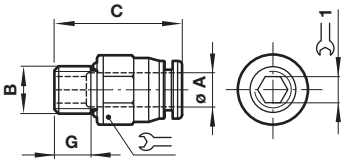
Female adaptor
C0226

Dimensions in mm
Projection/First angle



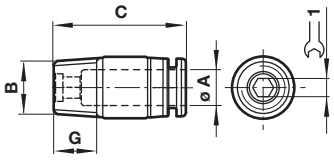
Ø A	B	C	G	⌲	Model
4	M5	26	7	12	C02260405
4	G1/8	26,5	9	14	C02260418
4	G1/4	28,5	11	17	C02260428
4	G3/8	30	12	22	C02260438
6	G1/8	27,5	9	14	C02260618
6	G1/4	29,5	11	17	C02260628
6	G3/8	30	12	22	C02260638
8	G1/8	28,5	9	14	C02260818
8	G1/4	30,5	11	17	C02260828
8	G3/8	31,5	12	22	C02260838
8	G1/2	34,5	14	24	C02260848
10	G1/8	31,5	9	17	C02261018
10	G1/4	31,5	11	17	C02261028
10	G3/8	32,5	12	22	C02261038
10	G1/2	34,5	14	24	C02261048
12	G1/4	34,5	11	22	C02261228
12	G3/8	34,5	12	22	C02261238
12	G1/2	36,5	14	24	C02261248

Straight adaptor (external + internal hex)
C0225



Ø A	B	C	G	⌲	⌲1	Model
4	M5	22	4	10	-	C02250405
4	M6	22	8	10	-	C02250406
4	G1/8	21,5	6	13	3	C02250418
4	G1/4	23,5	8	15	3	C02250428
4	G3/8	22	8	17	3	C02250438
6	M5	23,5	5	12	-	C02250605
6	M6	23	4	12	-	C02250606
6	G1/8	26,5	6	13	4	C02250618
6	G1/4	24,5	8	15	5	C02250628
6	G3/8	25,5	8	17	5	C02250638
8	G1/8	26,5	6	15	5	C02250818
8	G1/4	26,5	8	15	6	C02250828
8	G3/8	25	8	17	6	C02250838
8	G1/2	26	9	21	6	C02250848
10	G1/8	29,5	6	17	5	C02251018
10	G1/4	30	8	17	8	C02251028
10	G3/8	27	8	17	8	C02251038
10	G1/2	28,5	9	21	8	C02251048
12	G1/4	32	8	19	8	C02251228
12	G3/8	31,5	8	19	8	C02251238
12	G1/2	31,5	9	21	8	C02251248
16	G3/8	36,5	8	24	8	C02251638
16	G1/2	36,5	9	24	10	C02251648

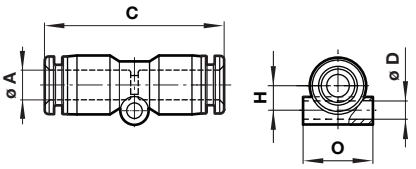
Straight adaptor (internal hex only)
C012A, C022A



Ø A	B	C	G	⌲1	Model
4	M5	22	4,5	2	C022A0405
4	M6	22	4	3	C022A0406
4	R1/8	20,5	8	3	C012A0418
4	R1/4	20,5	10	3	C012A0428
4	R3/8	20,5	11	3	C012A0438
6	M5	22,5	5	2	C022A0605
6	M6	22,5	4	3	C022A0606
6	R1/8	22	8	4	C012A0618
6	R1/4	22,5	10	4	C012A0628
6	R3/8	22,5	11	4	C012A0638
8	R1/8	27	8	5	C012A0818
8	R1/4	25	10	6	C012A0828
8	R3/8	25	11	6	C012A0838
8	R1/2	25	14	6	C012A0848
10	R1/8	28	8	5	C012A1018
10	R1/4	29	10	6	C012A1028
10	R3/8	29	11	8	C012A1038
10	R1/2	29	14	8	C012A1048
12	R1/8	35	8	5	C012A1218
12	R1/4	32,5	10	6	C012A1228
12	R3/8	32,5	11	8	C012A1238
12	R1/2	32,5	14	8	C012A1248

NORGREN

Straight union
C0020

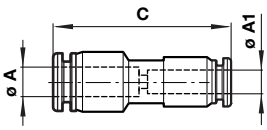


Ø A	C	Ø D	H	O	Model
4	34,5	3,3	4,5	10,5	C00200400
6	37	3,3	5,5	12,5	C00200600
8	39,5	4,3	7	14,5	C00200800
10	43	4,3	8	17,5	C00201000
12	48	4,3	9,5	20,5	C00201200
16	51	-	-	-	C00201600*

*No nail hole in 16 mm

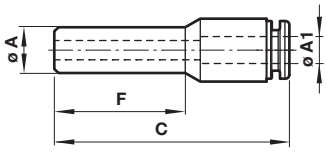
Straight union (unequal)
C0020

Dimensions in mm
Projection/First angle



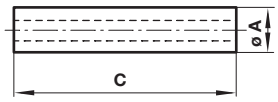
Ø A	Ø A1	C	Model
6	4	36,5	C00200604
8	4	38,5	C00200804
8	6	37,5	C00200806
10	6	40	C00201006
10	8	41	C00201008
12	8	46	C00201208
12	10	44	C00201210
16	12	49,5	C00201612

Stem reducer
C0023



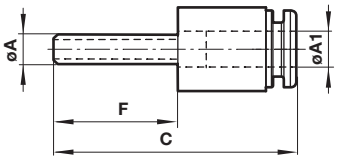
Ø A	Ø A1	C	F	Model
6	4	41	21,5	C00230604
8	4	42	22,5	C00230804
8	6	44,5	23,5	C00230806
10	6	47,5	26,5	C00231006
10	8	49,5	27,5	C00231008
12	6	52	29,5	C00231206
12	8	52,5	30,5	C00231208
12	10	56,5	31	C00231210
16	12	57,5	33	C00231612

Stem union (equal)
C0022



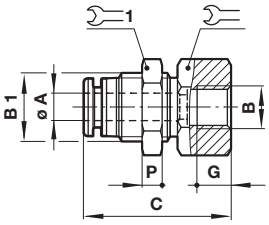
Ø A	C	Model
4	37	C00220400
6	38	C00220600
8	41	C00220800
10	44	C00221000
12	49	C00221200
16	53	C00221600

Stem expander (stem/tube)
C0023



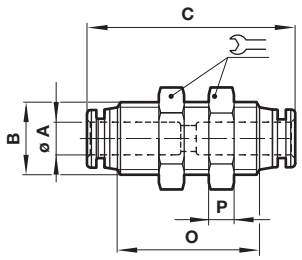
Ø A	Ø A1	C	F	Model
4	6	41	24	C00230406
6	8	44	26,5	C00230608

Straight adaptor (female bulkhead)
C0232



Ø A	B	B1	C	G	P	⌲1	⌲	Model
4	G1/8	M12x1	26,5	9	4	14	14	C02320418
4	G1/4	M12x1	29	11	4	14	17	C02320428
4	G3/8	M12x1	30	12	4	14	22	C02320438
6	G1/8	M14x1	28,5	9	4	17	17	C02320618
6	G1/4	M14x1	30,5	11	4	17	17	C02320628
6	G3/8	M14x1	31,5	12	4	17	22	C02320638
8	G1/8	M16x1	29,5	9	5	19	19	C02320818
8	G1/4	M16x1	31,5	11	5	19	19	C02320828
8	G3/8	M16x1	32,5	12	5	19	22	C02320838
10	G1/4	M20x1	32,5	11	5	24	24	C02321028
10	G3/8	M20x1	33,5	12	5	24	24	C02321038
10	G1/2	M20x1	36	14	5	24	24	C02321048
12	G1/4	M22x1	38	11	5	26	24	C02321228
12	G3/8	M22x1	38	12	5	26	24	C02321238
12	G1/2	M22x1	40	14	5	26	24	C02321248

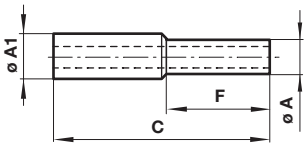
Bulkhead union
C0029



Ø A	B	C	O	P	⌲	Model
4	M12x1	35,5	24,5	4	14	C00290400
6	M14x1	40	27,5	4	17	C00290600
8	M16x1	42	29,5	5	19	C00290800
10	M20x1	45	31,5	5	24	C00291000
12	M22x1	50,5	36	5	26	C00291200

NORGREN

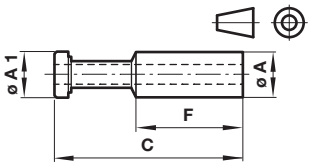
Stem union (unequal)
C0022



Ø A	Ø A1	C	F	Model
4	6	38	18	C00220604
6	8	41,5	20,5	C00220806
8	10	43,5	21,5	C00221008
10	12	46,5	22,5	C00221210
12	16	52	25	C00221612

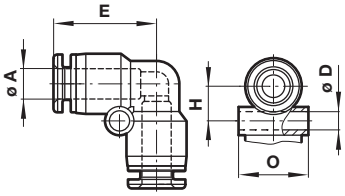
Plug
C0004

Dimensions in mm
Projection/First angle



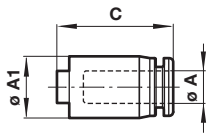
Ø A	Ø A1	C	F	Model
4	4	30	17,5	C00040400
6	6	34	18,5	C00040600
8	8	38	21	C00040800
10	10	42	24	C00041000
12	12	46	29,5	C00041200
16	16	50	30	C00041600

Union elbow
C0040



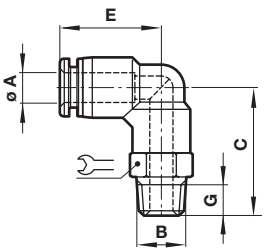
Ø A	Ø D	E	H	O	Model
4	3,3	19	8,5	10,5	C00400400
6	3,3	21	7,5	12,5	C00400600
8	4,3	22,5	9	14,5	C00400800
10	4,3	26	12	18	C00401000
12	4,3	30	13,5	21	C00401200
16	4,3	34	16	25,5	C00401600

Cap (female plug)
C0012



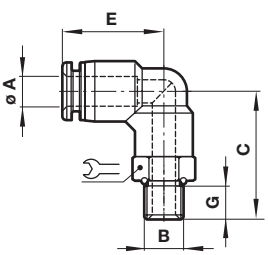
Ø A	Ø A1	C	Model
4	10,5	18	C00120400
6	12,5	19	C00120600
8	14,5	21	C00120800
10	17,5	23	C00121000
12	19,5	25	C00121200
16	24	25	C00121600

90° Swivel elbow adaptor
C0147



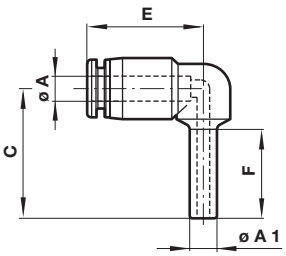
Ø A	B	C	E	G	⌯	Model
4	R1/8	24,5	18,5	8	10	C01470418
4	R1/4	26,5	18,5	10	14	C01470428
4	R3/8	27,5	18,5	11	17	C01470438
6	R1/8	26,5	20,5	8	12	C01470618
6	R1/4	29,5	20,5	10	14	C01470628
6	R3/8	30,5	20,5	11	17	C01470638
6	R1/2	33,5	20,5	14	21	C01470648
8	R1/8	28	23	8	14	C01470818
8	R1/4	31	23	10	14	C01470828
8	R3/8	32	23	11	17	C01470838
8	R1/2	35	23	14	21	C01470848
10	R1/8	28,5	23,5	8	17	C01471018
10	R1/4	31,5	23,5	10	17	C01471028
10	R3/8	32,5	23,5	11	17	C01471038
10	R1/2	35,5	23,5	14	21	C01471048
12	R1/8	32,5	27,5	8	19	C01471218
12	R1/4	34,5	27,5	10	19	C01471228
12	R3/8	35,5	27,5	11	19	C01471238
12	R1/2	38,5	27,5	14	21	C01471248
16	R3/8	43	32,5	11	24	C01471638
16	R1/2	46	32,5	14	24	C01471648

90° Swivel elbow adaptor
C0247



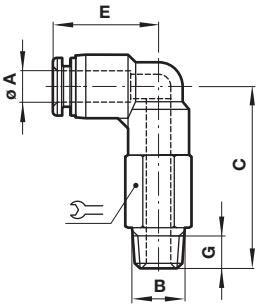
Ø A	B	C	E	G	⌯	Model
4	M5	22	18,5	4,5	10	C02470405
4	M6	22	18,5	4,5	10	C02470406
4	G1/8	22,5	18,5	6	14	C02470418
4	G1/4	24,5	18,5	8	17	C02470428
4	G3/8	24,5	18,5	8	20	C02470438
6	M5	24	20,5	4,5	12	C02470605
6	M6	24	20,5	4,5	12	C02470606
6	G1/8	24,5	20,5	6	14	C02470618
6	G1/4	26,5	20,5	8	17	C02470628
6	G3/8	26,5	20,5	9	20	C02470638
8	G1/8	26	23	8	14	C02470818
8	G1/4	28	23	8	17	C02470828
8	G3/8	28	23	9	20	C02470838
8	G1/2	29	23	10	24	C02470848
10	G1/8	26,5	23,5	6	17	C02471018
10	G1/4	28,5	23,5	8	17	C02471028
10	G3/8	28,5	23,5	9	20	C02471038
10	G1/2	29,5	23,5	10	24	C02471048
12	G1/4	32,5	27,5	8	19	C02471228
12	G3/8	32,5	27,5	9	20	C02471238
12	G1/2	32,5	27,5	10	24	C02471248
16	G3/8	41	32,5	9	24	C02471638
16	G1/2	42	32,5	10	24	C02471648

Stem elbow
C0043



Ø A	Ø A1	C	E	F	Model
4	4	28,5	19	22	C00430400
6	6	31,5	20,5	24	C00430600
8	8	34,5	23	26	C00430800
10	10	38	24	28	C00431000
12	12	41	28	30	C00431200
16	16	48,5	32	35	C00431600

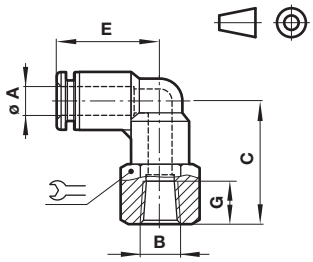
90° Swivel elbow adaptor (extended)
C0154/C0254



Ø A	B	C	E	G		Model
4	M5	33,5	18,5	4,6	10	C02540405
4	M6	33	18,5	4,6	10	C02540406
4	R1/8	35,5	18,5	8	10	C01540418
4	R1/4	37,5	18,5	10	14	C01540428
4	R3/8	38,5	18,5	11	17	C01540438
6	M5	38	20,5	4,5	12	C02540605
6	M6	37,5	20,5	4,5	12	C02540606
6	R1/8	40	20,5	8	12	C01540618
6	R1/4	42	20,5	10	14	C01540628
6	R3/8	43	20,5	11	17	C01540638
6	R1/2	46	20,5	14	21	C01540648
8	R1/8	44	23	8	14	C01540818
8	R1/4	46	23	10	14	C01540828
8	R3/8	47	23	11	17	C01540838
8	R1/2	50	23	14	21	C01540848
10	R1/8	47,5	23,5	8	17	C01541018
10	R1/4	49,5	23,5	10	17	C01541028
10	R3/8	50,5	23,5	11	17	C01541038
10	R1/2	53,5	23,5	14	21	C01541048
12	R1/8	54	27,5	8	19	C01541218
12	R1/4	56	27,5	10	19	C01541228
12	R3/8	57	27,5	11	19	C01541238
12	R1/2	60	27,5	14	21	C01541248
16	R3/8	69	32,5	11	24	C01541638
16	R1/2	72	32,5	14	24	C01541648

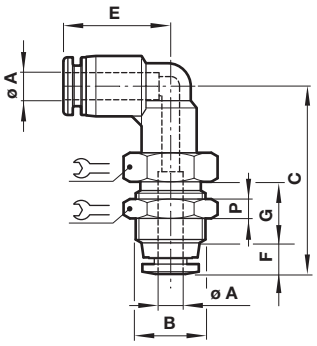
90° Swivel elbow adaptor (female)
C0148/C0248

Dimensions in mm
Projection/First angle



Ø A	B	C	E	G		Model
4	M5	21,5	18,5	4,5	10	C02480405
4	M6	21,5	18,5	4,5	10	C02480406
4	R1/8	22,5	18,5	9	14	C01480418
4	R1/4	24,5	18,5	11	17	C01480428
6	M5	23,5	20,5	4,5	12	C02480605
6	M6	23,5	20,5	4,5	12	C02480606
6	R1/8	24,5	20,5	9	14	C01480618
6	R1/4	26,5	20,5	11	17	C01480628
6	R3/8	27,5	20,5	12	21	C01480638
8	R1/8	26	23	9	14	C01480818
8	R1/4	28	23	11	17	C01480828
8	R3/8	29	23	12	22	C01480838
10	R1/4	28,5	23,5	11	17	C01481028
10	R3/8	29,5	23,5	12	22	C01481038
10	R1/2	31,5	23,5	14	24	C01481048
12	R1/4	31,5	27,5	11	19	C01481228
12	R3/8	32,5	27,5	12	22	C01481238
12	R1/2	34,5	27,5	14	24	C01481248

Bulkhead union elbow
C0049

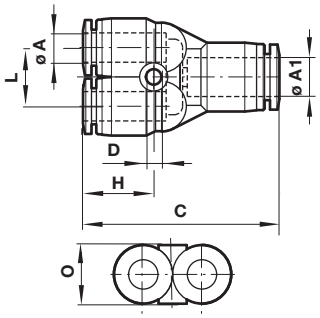


Ø A	B	C	E	F	G	P		Model
4	M12x1	32,5	18,5	5,5	9	4	14	C00490400
6	M14x1	38	20,5	6	11	4	17	C00490600
8	M16x1	40,5	23	6,5	11,5	5	19	C00490800
10	M20x1	42,5	23,5	7	12	5	24	C00491000
12	M22x1	48	27,5	7,5	15	5	26	C00491200

08/20

NORGREN

Union Y
C0082



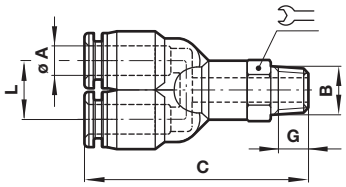
Equal

Ø A	Ø A1	C	D	H	L	O	Model
4	4	37	3,3	14,5	10,5	10,5	C00820400
6	6	40	3,3	16,5	12,5	12,5	C00820600
8	8	43	4,3	18,5	14,5	14,5	C00820800
10	10	47,5	4,3	19	17,5	17,5	C00821000
12	12	53	4,3	22	20,5	20,5	C00821200

Unequal

Ø A	Ø A1	C	D	H	L	O	Model
4	6	38	3,3	15	10,5	10,5	C00820604
4	8	39,5	3,3	15	10,5	15	C00820804
6	8	41	4,3	16	12,5	13	C00820806
6	10	43	3,3	16,5	13	17,5	C00821006
8	10	43	4,3	17	14,5	15	C00821008
8	12	48	3,3	17,5	15	21	C00821208
10	12	46,5	4,3	18,5	17,5	18	C00821210

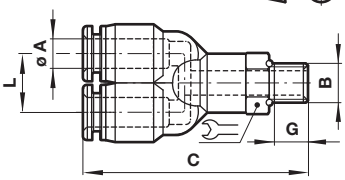
Swivel Y adaptor
C0188



Ø A	B	C	G	L		Model
4	R1/8	41,5	8	10,5	10	C01880418
4	R1/4	42,5	10	10,5	14	C01880428
4	R3/8	43,5	11	10,5	17	C01880438
6	R1/8	44	8	12,5	12	C01880618
6	R1/4	47	10	12,5	14	C01880628
6	R3/8	48	11	12,5	17	C01880638
6	R1/2	51	14	12,5	21	C01880648
8	R1/8	45,5	8	14,5	14	C01880818
8	R1/4	48,5	10	14,5	14	C01880828
8	R3/8	48,5	11	14,5	17	C01880838
8	R1/2	52,5	14	14,5	21	C01880848
10	R1/8	49	8	17,5	17	C01881018
10	R1/4	52	10	17,5	17	C01881028
10	R3/8	53	11	17,5	17	C01881038
10	R1/2	56,2	14	17,5	21	C01881048
12	R1/8	52,5	3	20,5	19	C01881218
12	R1/4	54,5	8	20,5	19	C01881228
12	R3/8	55,5	11	20,5	19	C01881238
12	R1/2	58,5	14	20,5	22	C01881248

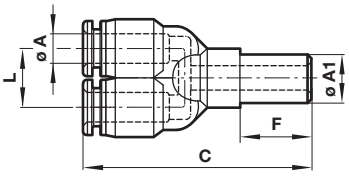
Swivel Y adaptor
C0288

Dimensions in mm
Projection/First angle



Ø A	B	C	G	L		Model
4	M5	35	4,5	10,5	10	C02880405
4	M6	35	4,5	10,5	10	C02880406
4	G1/8	41	6	10,5	14	C02880418
4	G1/4	43	8	10,5	17	C02880428
4	G3/8	43	8	10,5	20	C02880438
6	M5	41,5	4,5	12,5	12	C02880605
6	M6	41,5	4,5	12,5	12	C02880606
6	G1/8	42,5	6	12,5	14	C02880618
6	G1/4	44,5	8	12,5	17	C02880628
6	G3/8	45,5	9	12,5	20	C02880638
6	G1/2	46,5	10	12,5	24	C02880648
8	G1/8	43,5	6	14,5	14	C02880818
8	G1/4	45,5	8	14,5	17	C02880828
8	G3/8	46,5	9	14,5	20	C02880838
8	G1/2	47,5	10	14,5	24	C02880848
10	G1/8	49,5	6	17,5	17	C02881018
10	G1/4	51,5	8	17,5	17	C02881028
10	G3/8	52,5	9	17,5	20	C02881038
10	G1/2	53,5	10	17,5	24	C02881048
12	G1/4	55	8	20,5	19	C02881228
12	G3/8	56	9	20,5	20	C02881238
12	G1/2	57	10	20,5	24	C02881248

Stem Y
C0084



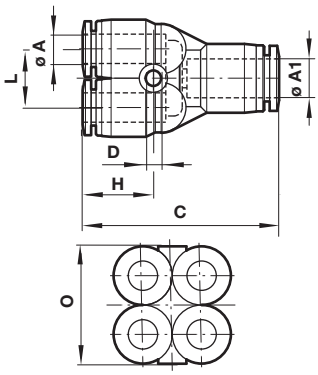
Equal

Ø A	Ø A1	C	F	L	Model
4	4	56,4	22	10,5	C00840400
6	6	58,4	24	12,5	C00840600
8	8	62,4	26	14,5	C00840800
10	10	68,6	28	17,5	C00841000
12	12	75,7	30	20,5	C00841200

Unequal

Ø A	Ø A1	C	F	L	Model
4	6	51,5	24	10,5	C00840604
6	8	56,5	26	12,5	C00840806
8	10	62	28	14,5	C00841008
10	12	68	30	17,5	C00841210

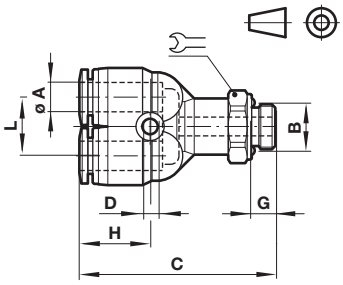
Quadruple stem reducer
C0096



Ø A	Ø A1	C	Ø D	H	L	O	Model
4	6	37	3,3	14	10,5	21	C00960604
6	8	40,5	3,3	15,5	12,5	25,5	C00960806

Quadruple Y union
C0295

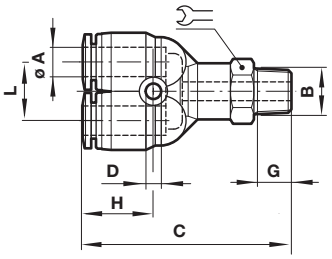
Dimensions in mm
Projection/First angle



Ø A	B	C	Ø D	G	H	L	O *		Model
4	G1/8	46	3,3	5	14	10,5	21	14	C02950418
4	G1/4	49	3,3	6,5	14	10,5	21	17	C02950428
6	G1/8	49	3,3	6,5	15,5	12,5	25,5	14	C02950618
6	G1/4	52	3,3	8	15,5	12,5	25,5	17	C02950628

* see drawing C0096 series

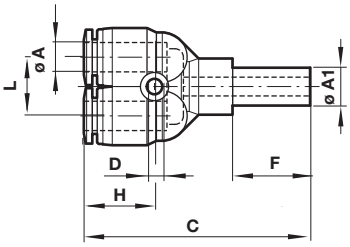
Quadruple Y union
C0195



Ø A	B	C	Ø D	G	H	L	O		Model
4	R1/8	44	3,3	8	14	10,5	21	12	C01950418
4	R1/4	48	3,3	10	14	10,5	21	14	C01950428
6	R1/8	48	3,3	8	15,5	12,5	25,5	14	C01950618
6	R1/4	51	3,3	10	15,5	12,5	25,5	14	C01950628

* see drawing C0096 series

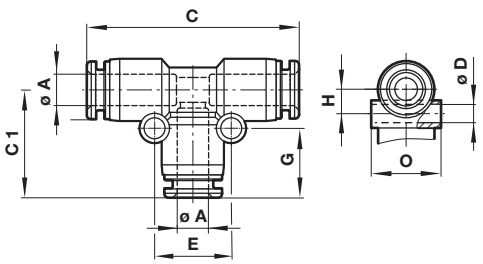
Quadruple reducer
C0097



Ø A	Ø A1	C	Ø D	F	H	L	O *	Model
4	6	43,5	3,3	17	14	12,5	21	C00970604
6	8	48	3,3	19	15,5	14,5	25,5	C00970806

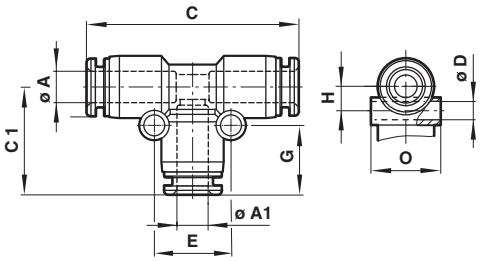
* see drawing C0096 series

Union T (equal)
C0060



Ø A	C	C1	Ø D	E	G	H	O	Model
4	36,5	19	3,3	13	12,5	8,5	10,5	C00600400
6	42	21,5	3,3	15	13,5	7,5	12,5	C00600600
8	45	23,5	4,3	18	15	9	14,5	C00600800
10	48	25,5	4,3	20	15,5	11	17,5	C00601000
12	57	29,5	4,3	26	16,5	12,5	20,5	C00601200
16	68	34,5	4,3	32	18	16	25,5	C00601600

Union T (unequal)
C006A

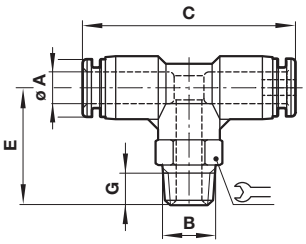


Ø A	Ø A1	C	C1	Ø D	E	G	H	O	Model
6	4	41,5	19	3,3	14	12,5	8	12,5	C006A0604
8	6	45	22	4,3	17	13,5	9,5	15	C006A0806
10	6	49	23	4,3	17	13,5	11	17,5	C006A1006
10	8	49	25	4,3	19	15	11	17,5	C006A1008
12	8	56	25,5	4,3	19	15	12,5	20,5	C006A1208
12	10	56	27,5	4,3	22	15,5	12,5	20,5	C006A1210
16	10	61	30,5	4,3	23	15,5	16	25,5	C006A1610
16	12	63,5	33	4,3	26	16,5	16	25,5	C006A1612

08/20

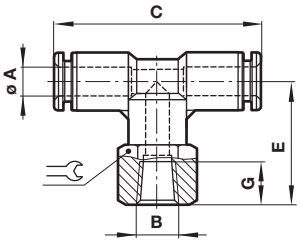
NORGREN

Swivel tee adaptor C0167



Ø A	B	C	E	G		Model
4	R1/8	37,5	24,5	8	10	C01670418
4	R1/4	37,5	26,5	10	14	C01670428
4	R3/8	37,5	27,5	11	17	C01670438
6	R1/8	41	26,5	8	12	C01670618
6	R1/4	41	29,5	10	14	C01670628
6	R3/8	41	30,5	11	17	C01670638
6	R1/2	41	33,5	14	21	C01670648
8	R1/8	44	28	8	14	C01670818
8	R1/4	44	31	10	14	C01670828
8	R3/8	44	32	11	17	C01670838
8	R1/2	44	35	14	21	C01670848
10	R1/8	47	28,5	8	17	C01671018
10	R1/4	47	32	10	17	C01671028
10	R3/8	47	32,5	11	17	C01671038
10	R1/2	47	35,5	14	21	C01671048
12	R1/8	55	32,5	8	19	C01671218
12	R1/4	55	34,5	10	19	C01671228
12	R3/8	55	35,5	11	19	C01671238
12	R1/2	55	38,5	14	21	C01671248
16	R3/8	64,5	43	11	24	C01671638
16	R1/2	64,5	46	14	24	C01671648

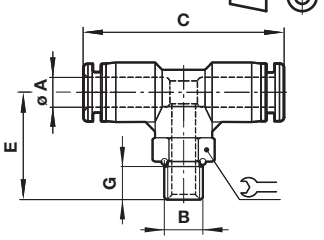
Swivel tee adaptor (female) C016C/C026C



Ø A	B	C	E	G		Model
4	M5	37,5	17	8	10	C026C0405
4	M6	37,5	17	8	10	C026C0406
4	R1/8	38	17	9	14	C016C0418
4	R1/4	38	17	11	17	C016C0428
6	M5	41	17,5	8	12	C026C0605
6	M6	41	17,5	8	12	C026C0606
6	R1/8	41	17,5	9	14	C016C0618
6	R1/4	41	17,5	11	17	C016C0628
6	R3/8	41	17,5	12	22	C016C0638
8	R1/8	44,5	18,5	9	14	C016C0818
8	R1/4	44,5	18,5	11	17	C016C0828
8	R3/8	44,5	18,5	12	22	C016C0838
8	R1/2	44,5	18,5	14	24	C016C0848
10	R1/8	47	19,5	9	17	C016C1018
10	R1/4	47	19,5	11	17	C016C1028
10	R3/8	47	19,5	12	22	C016C1038
10	R1/2	47	19,5	14	24	C016C1048
12	R1/4	55	22	11	19	C016C1228
12	R3/8	55	22	12	22	C016C1238
12	R1/2	55	22	14	24	C016C1248

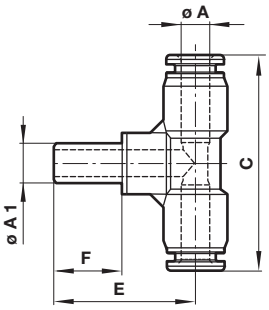
Swivel tee adaptor C0267

Dimensions in mm
Projection/First angle



Ø A	B	C	E	G		Model
4	M5	37,5	22	4,5	10	C02670405
4	M6	37,5	22	4,5	10	C02670406
4	G1/8	37,5	22	6	14	C02670418
4	G1/4	37,5	24	8	17	C02670428
4	G3/8	37,5	24	8	20	C02670438
6	M5	41	24	4,5	12	C02670605
6	M6	41	24	4,5	12	C02670606
6	G1/8	41	24,5	6	14	C02670618
6	G1/4	41	26,5	8	17	C02670628
6	G3/8	41	27,5	9	20	C02670638
6	G1/2	41	28,5	9	24	C02670648
8	G1/8	44,5	26	6	14	C02670818
8	G1/4	44,5	28	8	17	C02670828
8	G3/8	44,5	29	9	20	C02670838
8	G1/2	44,5	30	10	24	C02670848
10	G1/8	47	26,5	6	17	C02671018
10	G1/4	47	28,5	8	17	C02671028
10	G3/8	47	29,5	9	20	C02671038
10	G1/2	47	30,5	10	24	C02671048
12	G1/4	55	31,5	8	19	C02671228
12	G3/8	55	32,5	9	20	C02671238
12	G1/2	55	33,5	10	24	C02671248
16	G3/8	64,5	40	9	24	C02671638
16	G1/2	64,5	41	10	24	C02671648

Stem tee C0063



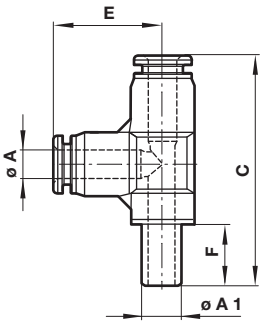
Equal

Ø A	Ø A1	C	E	F	Model
4	4	37,5	32,5	24	C00630400
6	6	41	34,5	25	C00630600
8	8	44,5	36	26	C00630800
10	10	47	37,5	28	C00631000
12	12	55	39	30	C00631200

Unequal

Ø A	Ø A1	C	E	F	Model
4	6	37,5	33,5	25	C00630604
6	8	41	35,5	28	C00630806
8	10	44,5	38,5	28	C00631008
10	12	47	39,5	30	C00631210

Stem side tee
C0064



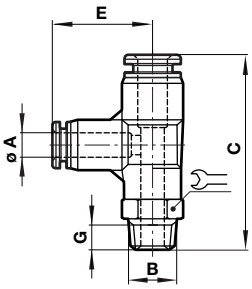
Equal

Ø A	Ø A1	C	E	F	Model
4	4	58	20,5	17	C00640400
6	6	52,5	21,5	17,5	C00640600
8	8	67	23,5	18,5	C00640800
10	10	73	25,5	19,5	C00641000
12	12	82	30	22	C00641200

Unequal

Ø A	Ø A1	C	E	F	Model
4	6	59	20	17	C00640604
6	8	63,5	21,5	17,5	C00640806
8	10	69,5	23,5	18,5	C00641008
10	12	75	25,5	19,5	C00641210

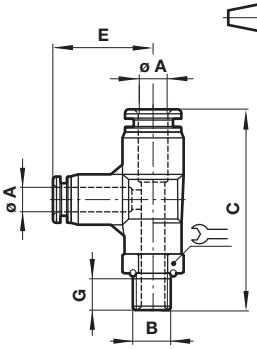
Swivel side tee adaptor
C0168



Ø A	B	C	E	G		Model
4	R1/8	45	20	8	10	C01680418
4	R1/4	48	20	10	14	C01680428
4	R3/8	49	20	11	17	C01680438
6	R1/8	48,5	21,5	8	12	C01680618
6	R1/4	51	21,5	10	14	C01680628
6	R3/8	52	21,5	11	17	C01680638
6	R1/2	55	21,5	14	21	C01680648
8	R1/8	52	23,5	8	14	C01680818
8	R1/4	55	23,5	10	14	C01680828
8	R3/8	56	23,5	11	17	C01680838
8	R1/2	59	23,5	14	21	C01680848
10	R1/8	55,5	25,5	8	17	C01681018
10	R1/4	58,5	25,5	10	17	C01681028
10	R3/8	59,5	25,5	11	17	C01681038
10	R1/2	62,5	25,5	14	21	C01681048
12	R1/8	63	30	8	19	C01681218
12	R1/4	65	30	10	19	C01681228
12	R3/8	66	30	11	19	C01681238
12	R1/2	69	30	14	21	C01681248

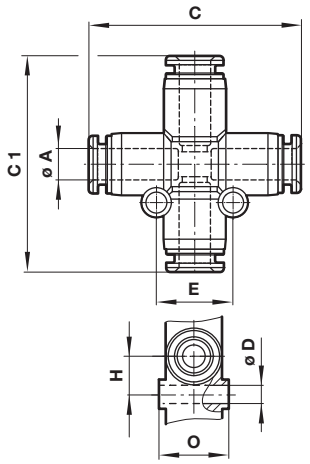
Swivel side tee adaptor
C0268

Dimensions in mm
Projection/First angle



Ø A	B	C	E	G		Model
4	M5	42	20	4,5	10	C02680405
4	M6	42	20	4,5	10	C02680406
4	G1/8	43	20	6	14	C02680418
4	G1/4	45	20	8	17	C02680428
4	G3/8	45	20	8	20	C02680438
6	M5	46	21,5	4,5	12	C02680605
6	M6	46	21,5	4,5	12	C02680606
6	G1/8	47	21,5	6	14	C02680618
6	G1/4	49	21,5	8	17	C02680628
6	G3/8	50	21,5	9	20	C02680638
8	G1/8	50	23,5	6	14	C02680818
8	G1/4	52	23,5	8	17	C02680828
8	G3/8	56	23,5	9	20	C02680838
8	G1/2	54	23,5	10	24	C02680848
10	G1/8	54	25,5	6	17	C02681018
10	G1/4	56	25,5	8	17	C02681028
10	G3/8	57	25,5	9	20	C02681038
10	G1/2	58	25,5	10	24	C02681048
12	G1/4	62	30	8	19	C02681228
12	G3/8	63	30	9	20	C02681238
12	G1/2	64	30	10	24	C02681248

Union cross
C0090



Ø A	C	C1	Ø D	E	H	O	Model
4	36,5	38	3,3	13	6,5	10,5	C00900400
6	42	42,5	4,3	15	7,5	12,5	C00900600
8	45	47	4,3	18	9	14,5	C00900800
10	48	50,5	4,3	20	10	17,5	C00901000
12	55	57	4,3	24	12	20,5	C00901200

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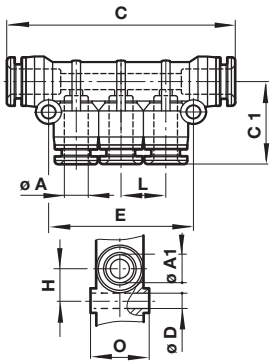
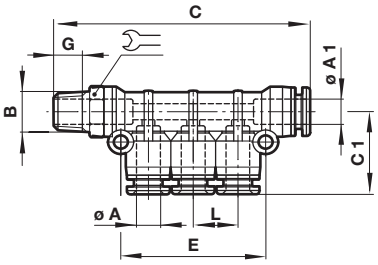
Manifold union
C00D3



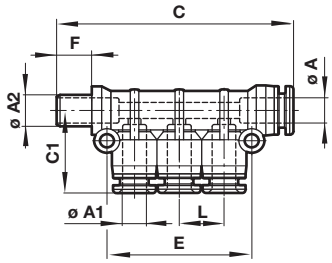
Ø A	Ø A1	C	C1	D	E	H	L	O	Model
4	6	63,5	18	3,3	34	7,5	10,5	12,5	C00D30604
4	8	65,5	21,5	4,3	35	9	10,5	14,5	C00D30804
6	8	71,5	22,5	4,3	41	9,5	12,5	14,5	C00D30806
6	10	78	23,5	4,3	42	9,5	12,5	17,5	C00D31006
8	10	83,5	26	4,3	47	9,5	14,5	17,5	C00D31008

Male manifold
C01D3



Ø A	Ø A1	B	C	C1	E	G	L	⌯	Model
4	6	R1/8	72	24	34	8	10,5	12	C01D30418
4	8	R1/8	74	28,5	35	8	10,5	14	C01D30428
6	8	R1/4	82,5	34	41	10	12,5	14	C01D30628
8	10	R3/8	95	34,5	47	10	14,5	17	C01D30838

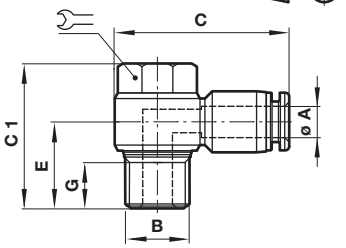
Stem manifold
C00J3



Ø A	Ø A1	Ø A2	C	C1	E	F	L	Model
4	6	6	84,5	24	34	25	10,5	C00J30604
4	8	8	89,5	28,5	35	28,5	10,5	C00J30804
6	8	8	95,5	34	41	28,5	12,5	C00J30806
8	10	10	109,5	34,5	47	31	14,5	C00J31008

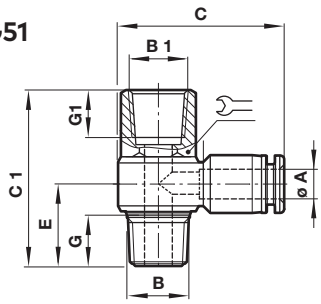
Banjo
C0A51

Dimensions in mm
Projection/First angle



Ø A	B	C	C1	E	G	⌯	Model
4	M5	25	18	10	3,5	8	C0A510405
4	G1/8	30,5	25	14,5	11	8	C0A510418
4	G1/4	34,5	29	16,5	10	8	C0A510428
6	M5	27,5	18	11,5	3,5	8	C0A510605
6	G1/8	31	25	14,5	8	8	C0A510618
6	G1/4	35	29	16,5	10	12	C0A510628
6	G3/8	38,5	32,5	20,5	11	14	C0A510638
8	G1/8	33	25	13,5	8	8	C0A510818
8	G1/4	37	29	16	10	12	C0A510828
8	G3/8	40	32,5	20,5	11	14	C0A510838
8	G1/2	46	39,5	23	14	17	C0A510848
10	G1/4	39	29	15,5	10	12	C0A511028
10	G3/8	42	32,5	19,5	11	14	C0A511038
10	G1/2	47,5	39,5	23	14	17	C0A511048
12	G3/8	46	32,5	18,5	11	14	C0A511238
12	G1/2	50	39,5	21,5	14	17	C0A511248

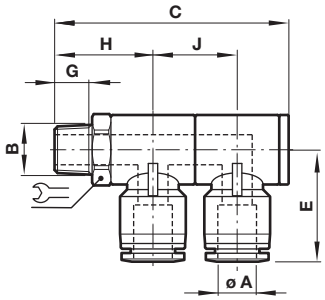
Banjo (with top port)
C0D51/C0E51/C0F51/C0G51



Ø A	B & B1	C	C1	E	G	G1	⌯	Model
4	M5	25	20	10	3,5	6	8	C0D510405
4	R1/8	30,5	30	14,5	9	8	14	C0E510418
4	R1/4	34,5	35,5	18	11	10	17	C0F510428
6	M5	28	20	11	3,5	6	8	C0D510605
6	R1/8	31	30	14,5	9	8	14	C0E510618
6	R1/4	35	35,5	18	11	10	17	C0F510628
6	R3/8	38,5	41	21	12	11	21	C0G510638
8	R1/8	33	30	15,5	9	8	14	C0E510818
8	R1/4	38	35,5	19	11	10	17	C0F510828
8	R3/8	40	41	21	12	11	21	C0G510838
10	R1/4	39	35,5	20	11	10	17	C0F511028
10	R3/8	42	41	22,5	12	11	21	C0G511038
12	R3/8	46	41	23	12	11	21	C0G511238

NORGREN

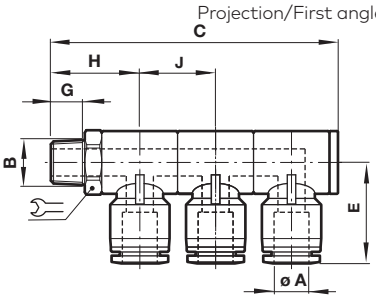
2x Swivel elbow adaptor C0Q51



Ø A	B	C	E	G	H	J	⌯	Model
4	R1/8	52	24	8	22,5	18	14	C0Q510418
4	R1/4	63	26	10	27,5	22	17	C0Q510428
4	R3/8	65	28	11	29	22	21	C0Q510438
4	R1/2	74	30	14	34	24	24	C0Q510448
6	R1/8	52	25	8	22,5	18	14	C0Q510618
6	R1/4	63	27	10	27,5	22	17	C0Q510628
6	R3/8	65	28,5	11	29	22	21	C0Q510638
6	R1/2	74	30	14	34	24	24	C0Q510648
8	R1/8	52	27	8	22,5	18	14	C0Q510818
8	R1/4	63	28,5	10	27,5	22	17	C0Q510828
8	R3/8	65	30,5	11	29	22	21	C0Q510838
8	R1/2	74	32	14	34	24	24	C0Q510848
10	R1/8	52	28,5	8	22,5	18	14	C0Q511018
10	R1/4	63	30,5	10	27,5	22	17	C0Q511028
10	R3/8	65	32,5	11	29	22	21	C0Q511038
10	R1/2	74	34,5	14	34	24	24	C0Q511048
12	R1/4	63	36	10	27,5	22	17	C0Q511228
12	R3/8	65	36	11	29	22	21	C0Q511238
12	R1/2	74	38	14	34	24	24	C0Q511248

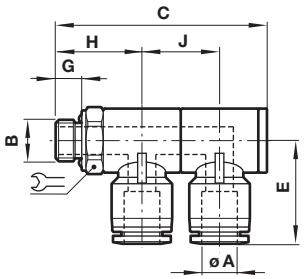
3x Swivel elbow adaptor C0H51

Dimensions in mm
Projection/First angle



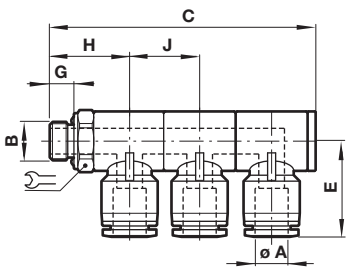
Ø A	B	C	E	G	H	J	⌯	Model
4	R1/8	70	24	8	22,5	18	14	C0H510418
4	R1/4	85	26	10	27,5	22	17	C0H510428
4	R3/8	87	28	11	29	22	21	C0H510438
4	R1/2	97,5	30	14	34	24	24	C0H510448
6	R1/8	70	25	8	22,5	18	14	C0H510618
6	R1/4	85	27	10	27,5	22	17	C0H510628
6	R3/8	87	28,5	11	29	22	21	C0H510638
6	R1/2	97,5	30	14	34	24	24	C0H510648
8	R1/8	70	27	8	22,5	18	14	C0H510818
8	R1/4	85	28,5	10	27,5	22	17	C0H510828
8	R3/8	87	30,5	11	29	22	21	C0H510838
8	R1/2	97,5	32	14	34	24	24	C0H510848
10	R1/8	70	28,5	8	22,5	18	14	C0H511018
10	R1/4	85	30,5	10	27,5	22	17	C0H511028
10	R3/8	87	32,5	11	29	22	21	C0H511038
10	R1/2	97,5	34,5	14	34	24	24	C0H511048
12	R1/4	85	36	10	27,5	22	17	C0H511228
12	R3/8	87	36	11	29	22	21	C0H511238
12	R1/2	87,5	38	14	34	24	24	C0H511248

2x Swivel elbow adaptor C0B51



Ø A	B	C	E	G	H	J	⌯	Model
4	G1/8	50	24	5	20,5	18	14	C0B510418
4	G1/4	61	26	6,5	25,5	22	17	C0B510428
4	G3/8	62	28	6,5	26	22	21	C0B510438
4	G1/2	70	30	8	29,5	24	24	C0B510448
6	G1/8	50	25	5	20,5	18	14	C0B510618
6	G1/4	61	27	6,5	25,5	22	17	C0B510628
6	G3/8	62	28,5	6,5	26	22	21	C0B510638
6	G1/2	70	30	8	29,5	24	24	C0B510648
8	G1/8	50	27	5	20,5	18	14	C0B510818
8	G1/4	61	28,5	6,5	25,5	22	17	C0B510828
8	G3/8	62	30,5	6,5	26	22	21	C0B510838
8	G1/2	70	32	8	29,5	24	24	C0B510848
10	G1/8	50	28,5	5	20,5	18	14	C0B511018
10	G1/4	61	30,5	6,5	25,5	22	17	C0B511028
10	G3/8	62	32,5	6,5	26	22	21	C0B511038
10	G1/2	70	34,5	8	29,5	24	24	C0B511048
12	G1/4	61	36	6,5	25,5	22	17	C0B511228
12	G3/8	62	36	6,5	26	22	21	C0B511238
12	G1/2	70	38	8	29,5	24	24	C0B511248

3x Swivel elbow adaptor C0C51

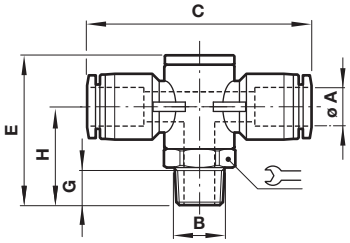


Ø A	B	C	E	G	H	J	⌯	Model
4	G1/8	68	24	5	20,5	18	14	C0C510418
4	G1/4	83	26	6,5	25,5	22	17	C0C510428
4	G3/8	84	28	6,5	26	22	21	C0C510438
4	G1/2	93	30	8	29,5	24	24	C0C510448
6	G1/8	68	25	5	20,5	18	14	C0C510618
6	G1/4	83	27	6,5	25,5	22	17	C0C510628
6	G3/8	84	28,5	6,5	26	22	21	C0C510638
6	G1/2	93	30	8	29,5	24	24	C0C510648
8	G1/8	68	27	5	20,5	18	14	C0C510818
8	G1/4	83	28,5	6,5	25,5	22	17	C0C510828
8	G3/8	84	30,5	6,5	26	22	21	C0C510838
8	G1/2	93	32	8	29,5	24	24	C0C510848
10	G1/8	68	28,5	5	20,5	18	14	C0C511018
10	G1/4	83	30,5	6,5	25,5	22	17	C0C511028
10	G3/8	84	32,5	6,5	26	22	21	C0C511038
10	G1/2	83	34,5	8	29,5	24	24	C0C511048
12	G1/4	83	34	6,5	25,5	22	17	C0C511228
12	G3/8	84	35	6,5	26	22	21	C0C511238
12	G1/2	93	38	8	29,5	24	24	C0C511248

08/20

NORGREN

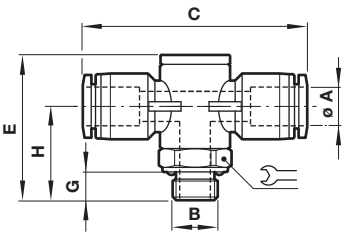
Single universal tee C0N71



Ø A	B	C	E	G	H		Model
4	R1/8	47	34	8	25,5	14	C0N710418
4	R1/4	50,5	41	10	27,5	17	C0N710428
4	R3/8	54,5	43	11	29	21	C0N710438
4	R1/2	58,5	50	14	34	24	C0N710448
6	R1/8	48,5	34	8	22,5	14	C0N710618
6	R1/4	52	41	10	27,5	17	C0N710628
6	R3/8	56	43	11	29	21	C0N710638
6	R1/2	58,5	50	14	34	24	C0N710648
8	R1/8	52	34	8	22,5	14	C0N710818
8	R1/4	55,5	41	10	27,5	17	C0N710828
8	R3/8	59,5	43	11	29	21	C0N710838
8	R1/2	63,5	50	14	34	24	C0N710848
10	R1/8	56	34	8	22,5	14	C0N711018
10	R1/4	59,5	41	10	27,5	17	C0N711028
10	R3/8	63,5	43	11	29	21	C0N711038
10	R1/2	67	50	14	34	24	C0N711048
12	R1/4	66	41	10	27,5	17	C0N711228
12	R3/8	70	43	11	29	21	C0N711238
12	R1/2	74,5	50	14	34	24	C0N711248

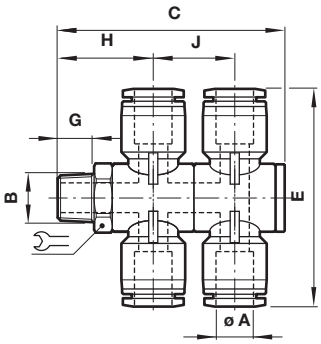
Single universal tee C0A71

Dimensions in mm
Projection/First angle



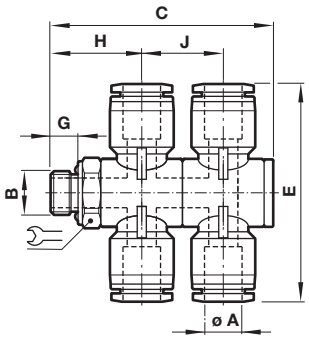
Ø A	B	C	E	G	H		Model
4	G1/8	47	32	5	20,5	14	C0A710418
4	G1/4	50,5	39	6,5	25,5	17	C0A710428
4	G3/8	54,5	40	6,5	26	21	C0A710438
4	G1/2	58,5	45,5	8	29,5	24	C0A710448
6	G1/8	48,5	32	5	20,5	14	C0A710618
6	G1/4	52	39	6,5	25,5	17	C0A710628
6	G3/8	56	40	6,5	26	21	C0A710638
6	G1/2	58,5	45,5	8	29,5	24	C0A710648
8	G1/8	52	32	5	20,5	14	C0A710818
8	G1/4	55,5	39	6,5	25,5	17	C0A710828
8	G3/8	59,5	40	6,5	26	21	C0A710838
8	G1/2	62,5	45,5	8	29,5	24	C0A710848
10	G1/8	56	32	5	20,5	14	C0A711018
10	G1/4	59,5	39	6,5	25,5	17	C0A711028
10	G3/8	63,5	40	6,5	26	21	C0A711038
10	G1/2	67	45,5	8	29,5	24	C0A711048
12	G1/4	66	39	6,5	25,5	17	C0A711228
12	G3/8	70	40	6,5	26	21	C0A711238
12	G1/2	74,5	45,5	8	29,5	24	C0A711248

Double universal tee C0Q71



Ø A	B	C	E	G	H	J		Model
4	R1/8	52	47	8	22,5	18	14	C0Q710418
4	R1/4	63	50,5	10	27,5	22	17	C0Q710428
4	R3/8	65	54,5	11	29	22	21	C0Q710438
4	R1/2	74	58,5	14	34	24	24	C0Q710448
6	R1/8	52	48,5	8	22,5	18	14	C0Q710618
6	R1/4	63	52	10	27,5	22	17	C0Q710628
6	R3/8	65	56	11	29	22	21	C0Q710638
6	R1/2	74	58,5	14	34	24	24	C0Q710648
8	R1/8	52	52	8	22,5	18	14	C0Q710818
8	R1/4	63	55,5	10	27,5	22	17	C0Q710828
8	R3/8	65	59,5	11	29	22	21	C0Q710838
8	R1/2	74	62,5	14	34	24	24	C0Q710848
10	R1/8	52	56	8	22,5	18	14	C0Q711018
10	R1/4	63	59,5	10	27,5	22	17	C0Q711028
10	R3/8	65	63,5	11	29	22	21	C0Q711038
10	R1/2	74	67	14	34	24	24	C0Q711048
12	R1/4	63	66	10	27,5	21	17	C0Q711228
12	R3/8	65	70	11	29	21	21	C0Q711238
12	R1/2	74	74,5	14	34	24	24	C0Q711248

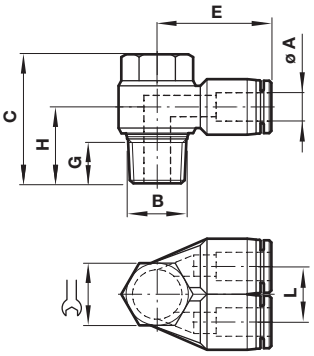
Double universal tee C0B71



Ø A	B	C	E	G	H	J		Model
4	G1/8	50	47	5	20,5	18	14	C0B710418
4	G1/4	61	50,5	6,5	25,5	22	17	C0B710428
4	G3/8	62	54,5	6,5	26	22	21	C0B710438
4	G1/2	69,5	58,5	8	29,5	24	24	C0B710448
6	G1/8	50	48,5	5	20,5	18	14	C0B710618
6	G1/4	61	52	6,5	25,5	22	17	C0B710628
6	G3/8	62	56	6,5	26	22	21	C0B710638
6	G1/2	69,5	58,5	8	29,5	24	24	C0B710648
8	G1/8	50	52	5	20,5	18	14	C0B710818
8	G1/4	61	55,5	6,5	25,5	22	17	C0B710828
8	G3/8	62	59,5	6,5	26	22	21	C0B710838
8	G1/2	69,5	62,5	8	29,5	24	24	C0B710848
10	G1/8	50	56	5	20,5	18	14	C0B711018
10	G1/4	61	59,5	6,5	25,5	22	17	C0B711028
10	G3/8	62	63,5	6,6	26	22	21	C0B711038
10	G1/2	69,5	67	8	29,5	24	24	C0B711048
12	G1/4	61	66	6,5	25,5	21	17	C0B711228
12	G3/8	62	70	6,5	26	21	21	C0B711238
12	G1/2	69,5	74,5	8	29,5	24	24	C0B711248

NORGREN

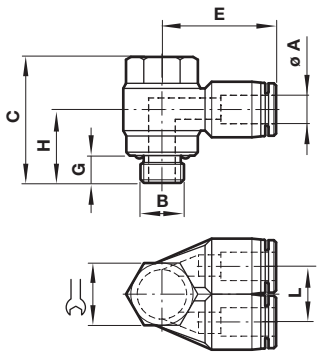
Branch adaptor
C0N70



ø A	B	C	E	G	H	L		Model
6	R1/8	25	23	8	14,5	12,5	11	C0N700618
8	R1/4	29	28,5	10	18,5	15	15	C0N700828
10	R1/4	29	31	10	19,5	17,5	15	C0N701028
10	R3/8	32,5	31	11	20,5	17,5	19	C0N701038
12	R3/8	32,5	36	11	22	20,5	19	C0N701238
12	R1/2	39,5	36,5	14	25,5	20,5	24	C0N701248

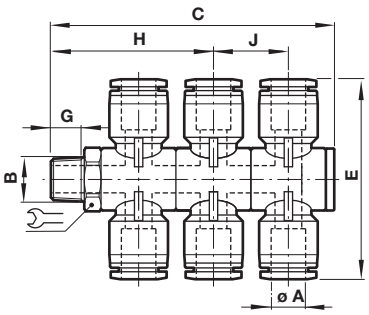
Branch adaptor
C0A70

Dimensions in mm
Projection/First angle



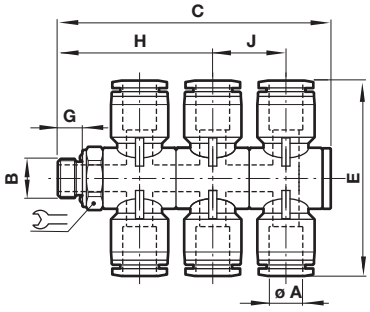
ø A	B	C	E	G	H	L		Model
4	M5	18	19,5	3,6	10	10,5	8	C0A700405
6	G1/8	23,5	23	4,5	14	12,5	8	C0A700618
8	G1/4	28	28,5	6	17,5	15	12	C0A700828
10	G1/4	28	31	6	19	17,5	12	C0A701028
10	G3/8	32,5	31	6	21	17,5	14	C0A701038
12	G3/8	32,5	36	6	22,5	20,5	14	C0A701238
12	G1/2	34	36,5	7,5	23	20,5	17	C0A701248

Triple universal tee
C0H71



ø A	B	C	E	G	H	J		Model
4	R1/8	70	47	8	22,5	18	14	C0H710418
4	R1/4	85	50,5	10	27,5	22	17	C0H710428
4	R3/8	87	54,5	11	29	22	21	C0H710438
4	R1/2	97,5	58,5	14	34	24	24	C0H710448
6	R1/8	70	48,5	8	22,5	18	14	C0H710618
6	R1/4	85	52	10	27,5	22	17	C0H710628
6	R3/8	87	56	11	29	22	21	C0H710638
6	R1/2	97,5	58,5	14	34	24	24	C0H710648
8	R1/8	70	52	8	22,5	18	14	C0H710818
8	R1/4	85	55,5	10	27,5	22	17	C0H710828
8	R3/8	87	59,5	11	29	22	21	C0H710838
8	R1/2	97,5	62,5	14	34	24	24	C0H710848
10	R1/8	70	56	8	22,5	18	14	C0H711018
10	R1/4	85	59,5	10	27,5	22	17	C0H711028
10	R3/8	87	63,5	11	29	22	21	C0H711038
10	R1/2	97,5	67	14	34	24	24	C0H711048
12	R1/4	85	66	10	27,5	21	17	C0H711228
12	R3/8	87	70	11	29	21	21	C0H711238
12	R1/2	97,5	74,5	14	34	24	24	C0H711248

Triple universal tee
C0C71

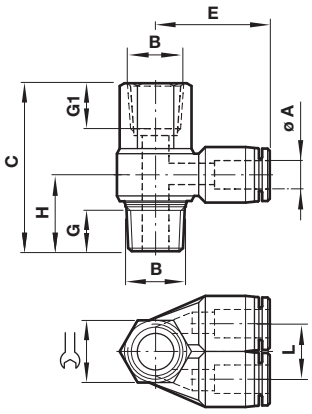


ø A	B	C	E	G	H	J		Model
4	G1/8	68	47	5	20,5	18	14	C0C710418
4	G1/4	83	50,5	6,5	25,5	22	17	C0C710428
4	G3/8	84	54,5	6,5	26	22	21	C0C710438
4	G1/2	93	58,5	8	29,5	24	24	C0C710448
6	G1/8	68	48,5	5	20,5	18	14	C0C710618
6	G1/4	83	52	6,5	25,5	22	17	C0C710628
6	G3/8	84	56	6,5	26	22	21	C0C710638
6	G1/2	93	58,5	8	29,5	24	24	C0C710648
8	G1/8	68	52	5	20,5	18	14	C0C710818
8	G1/4	83	55,5	6,5	25,5	22	17	C0C710828
8	G3/8	84	59,5	6,5	26	22	21	C0C710838
8	G1/2	93	62,5	8	29,5	24	24	C0C710848
10	G1/8	68	56	5	20,5	18	14	C0C711018
10	G1/4	83	59,5	6,5	25,5	22	17	C0C711028
10	G3/8	84	63,5	6,6	26	22	21	C0C711038
10	G1/2	93	67	8	29,5	24	24	C0C711048
12	G1/4	83	66	6,5	25,5	21	17	C0C711228
12	G3/8	84	70	6,5	26	21	21	C0C711238
12	G 1/2	93	74,5	8	29,5	24	24	C0C711248

08/20

NORGREN

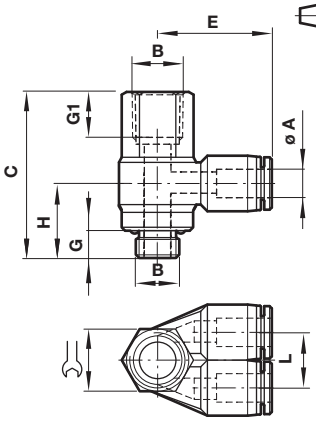
Branch adaptor (female)
C0*7J



Ø A	B	C	E	G / G1	H	L	⌯	Model
6	R1/8	30	23	8	14,5	12,5	14	C0E7J0618
8	R1/4	35,5	28,5	10	18,5	15	17	C0F7J0828
10	R1/4	35,5	31	10	19,5	17,5	17	C0F7J1028
10	R3/8	41	31	11	20,5	17,5	21	C0G7J1038
12	R3/8	41	36	11	22	20,5	21	C0G7J1238
12	R1/2	50	36,5	14	25,5	20,5	24	C0H7J1248

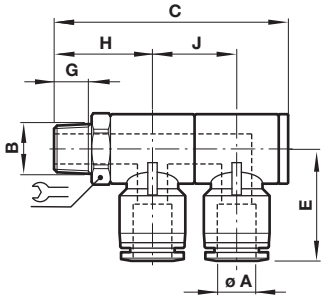
Branch adaptor (female)
C0*7K

Dimensions in mm
Projection/First angle



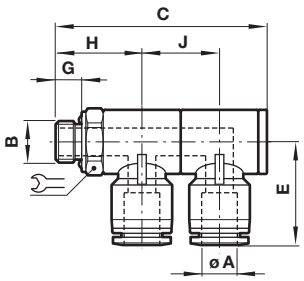
Ø A	B	C	E	G / G1	H	L	⌯	Model
4	M5	20	19,5	3,5 / 7	10	10,5	8	C0D7K0405
6	G1/8	30	23	8	14	12,5	14	C0E7K0618
8	G1/4	35,5	27	10	17,5	14,5	17	C0F7K0828
10	G1/4	35,5	28	10	17,5	17,5	17	C0F7K1028
10	G3/8	41	30	11	17,5	17,5	21	C0G7K1038
12	G3/8	41	33	11	17,5	20,5	21	C0G7K1238
12	G1/2	50	35	14	20	20,5	24	C0H7K1248

Double branch adaptor
C0Q70



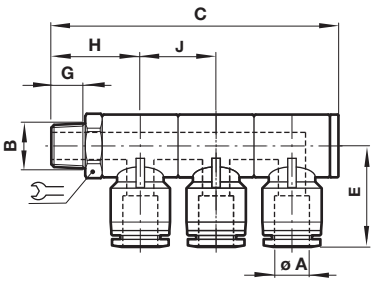
Ø A	B	C	E	G	H	J	⌯	Model
4	R1/8	52	24	8	22,5	18	14	C0Q700418
4	R1/4	63	26	10	27,5	22	17	C0Q700428
4	R3/8	65	28	11	29	22	21	C0Q700438
4	R1/2	74	30,5	14	34	24	24	C0Q700448
6	R1/8	52	25	8	22,5	18	14	C0Q700618
6	R1/4	63	27	10	27,5	22	17	C0Q700628
6	R3/8	65	28,5	11	29	22	21	C0Q700638
6	R1/2	74	31	14	34	24	24	C0Q700648
8	R1/8	52	27	8	22,5	18	14	C0Q700818
8	R1/4	63	30,5	10	27,5	22	17	C0Q700828
8	R3/8	65	30,5	11	29	22	21	C0Q700838
8	R1/2	74	32,5	14	34	24	24	C0Q700848
10	R1/8	52	28,5	8	22,5	18	14	C0Q701018
10	R1/4	63	30,5	10	27,5	22	17	C0Q701028
10	R3/8	65	32,5	11	29	22	21	C0Q701038
10	R1/2	74	35	14	34	24	24	C0Q701048
12	R1/4	63	34	10	27,5	22	17	C0Q701228
12	R3/8	65	35	11	29	22	21	C0Q701238
12	R1/2	74	39	14	34	24	24	C0Q701248

Double branch adaptor
C0B70



Ø A	B	C	E	G	H	J	⌯	Model
4	G1/8	50	24	5	20,5	18	14	C0B700418
4	G1/4	61	26	6,5	25,5	22	17	C0B700428
4	G3/8	62	28	6,5	26	22	21	C0B700438
4	G1/2	69,5	30,5	8	29,5	24	24	C0B700448
6	G1/8	50	25	5	20,5	18	14	C0B700618
6	G1/4	61	27	6,5	25,5	22	17	C0B700628
6	G3/8	62	28,5	6,5	26	22	21	C0B700638
6	G1/2	69,5	31	8	29,5	24	24	C0B700648
8	G1/8	50	27	5	20,5	18	14	C0B700818
8	G1/4	61	30,5	6,5	25,5	22	17	C0B700828
8	G3/8	62	30,5	6,5	26	22	21	C0B700838
8	G1/2	69,5	32,5	8	29,5	24	24	C0B700848
10	G1/8	50	28,5	5	20,5	18	14	C0B701018
10	G1/4	61	30,5	6,5	25,5	22	17	C0B701028
10	G3/8	62	32,5	6,5	26	22	21	C0B701038
10	G1/2	69,5	35	8	29,5	24	24	C0B701048
12	G1/4	61	34	6,5	25,5	22	17	C0B701228
12	G3/8	62	35	6,5	26	22	21	C0B701238
12	G 1/2	69,5	39	8	29,5	24	24	C0B701248

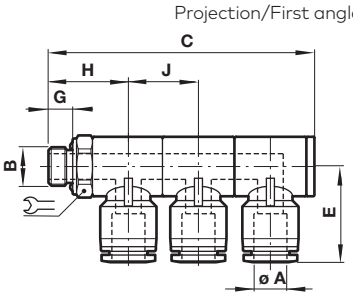
Triple branch adaptor
C0H70



Ø A	B	C	E	G	H	J	⌯	Model
4	R1/8	52	24	8	22,5	18	14	C0H700418
4	R1/4	63	26	10	27,5	22	17	C0H700428
4	R3/8	65	28	11	29	22	21	C0H700438
4	R1/2	74	30,5	14	34	24	24	C0H700448
6	R1/8	52	25	8	22,5	18	14	C0H700618
6	R1/4	63	27	10	27,5	22	17	C0H700628
6	R3/8	65	28,5	11	29	22	21	C0H700638
6	R1/2	74	31	14	34	24	24	C0H700648
8	R1/8	52	27	8	22,5	18	14	C0H700818
8	R1/4	63	30,5	10	27,5	22	17	C0H700828
8	R3/8	65	30,5	11	29	22	21	C0H700838
8	R1/2	74	32,5	14	34	24	24	C0H700848
10	R1/8	52	28,5	8	22,5	18	14	C0H701018
10	R1/4	63	30,5	10	27,5	22	17	C0H701028
10	R3/8	65	32,5	11	29	22	21	C0H701038
10	R1/2	74	35	14	34	24	24	C0H701048
12	R1/4	63	34	10	27,5	22	17	C0H701228
12	R3/8	65	35	11	29	22	21	C0H701238
12	R1/2	74	39	14	34	24	24	C0H701248

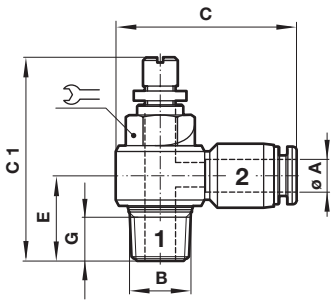
Triple branch adaptor
C0C70

Dimensions in mm
Projection/First angle



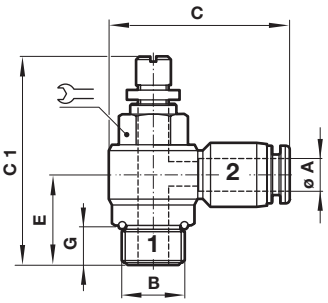
Ø A	B	C	E	G	H	J	⌯	Model
4	G1/8	68	24	5	20,5	18	14	C0C700418
4	G1/4	83	26	6,5	25,5	22	17	C0C700428
4	G3/8	84	28	6,5	26	22	21	C0C700438
4	G1/2	93	30,5	8	29,5	24	24	C0C700448
6	G1/8	68	25	5	20,5	18	14	C0C700618
6	G1/4	83	27	6,5	25,5	22	17	C0C700628
6	G3/8	84	28,5	6,5	26	22	21	C0C700638
6	G1/2	93	31	8	29,5	24	24	C0C700648
8	G1/8	68	27	5	20,5	18	14	C0C700818
8	G1/4	83	30,5	6,5	25,5	22	17	C0C700828
8	G3/8	84	30,5	6,5	26	22	21	C0C700838
8	G1/2	93	32,5	8	29,5	24	24	C0C700848
10	G1/8	68	28,5	5	20,5	18	14	C0C701018
10	G1/4	83	30,5	6,5	25,5	22	17	C0C701028
10	G3/8	84	32,5	6,5	26	22	21	C0C701038
10	G1/2	93	35	8	29,5	24	24	C0C701048
12	G1/4	83	34	6,5	25,5	22	17	C0C701228
12	G3/8	84	35	6,5	26	22	21	C0C701238
12	G 1/2	93	39	8	29,5	24	24	C0C701248

Banjo flow control (out)
C0TA0



Ø A	B	C	> C1	< C1	E	G	⌯	Model
4	R1/8	30,5	35	40	14,5	8	11	C0TA00418
4	R1/4	34,5	40	45,5	18	10	15	C0TA00428
6	R1/8	31	35	31	14,5	8	11	C0TA00618
6	R1/4	35	40	45,5	18	10	15	C0TA00628
6	R3/8	38,5	46,5	55	21	11	19	C0TA00638
8	R1/8	33	35	40	15,5	8	11	C0TA00818
8	R1/4	37	40	45,5	19	10	15	C0TA00828
8	R3/8	40	46,5	55	21	11	19	C0TA00838
8	R1/2	46	53	60	25	14	24	C0TA00848
10	R1/4	39	40	45,5	20	10	15	C0TA01028
10	R3/8	42	46,5	55	22,5	11	19	C0TA01038
10	R1/2	47,5	53	60	25	14	24	C0TA01048
12	R1/4	41	40	45,5	22	10	15	C0TA01228
12	R3/8	46	46,5	55	23	11	19	C0TA01238
12	R1/2	50	53	60	27	14	24	C0TA01248

Banjo flow control (out)
C0K51

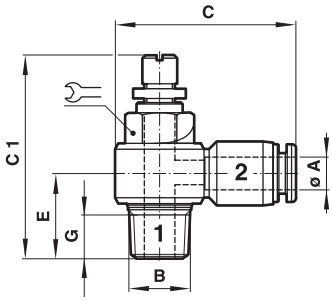


Ø A	B	C	> C1	< C1	E	G	⌯	Model
3	M5	21,5	27	30	9,5	3,5	8	C0K510305
4	M5	25	27	30	10	3,5	8	C0K510405
4	G1/8	30,5	35	40	15	6	8	C0K510418
4	G1/4	34,5	40	45,5	17	8	12	C0K510428
6	M5	28	27	30	11	3,5	8	C0K510605
6	G1/8	31	35	40	15	6	8	C0K510618
6	G1/4	35	40	45,5	17	8	12	C0K510628
6	G3/8	38,5	46,5	55	21	8	14	C0K510638
8	G1/8	33	35	40	14	6	8	C0K510818
8	G1/4	37	40	45,5	16	8	12	C0K510828
8	G3/8	40	46,5	55	21	8	14	C0K510838
8	G1/2	46	53	60	22,5	9	17	C0K510848
10	G1/4	39	40	45,5	18	8	12	C0K511028
10	G3/8	42	46,5	55	19,5	8	14	C0K511038
10	G1/2	47,5	53	60	22,5	9	17	C0K511048
12	G1/4	41	40	45,5	20	8	12	C0K511228
12	G3/8	46	46,5	55	19	8	14	C0K511238
12	G1/2	50	53	60	21	9	17	C0K511248

08/20

NORGREN

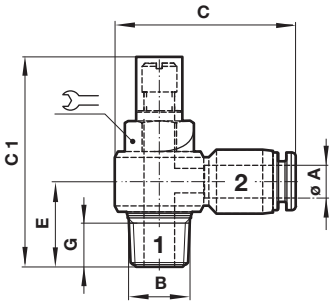
Banjo flow control (in)
C0SA0



Ø A	B	C	C1 min.	C1 max.	E	G	⌓	Model
4	R1/8	30,5	35	40	14,5	8	11	C0SA00418
4	R1/4	34,5	40	45,5	18	10	15	C0SA00428
6	R1/8	31	35	40	14,5	8	11	C0SA00618
6	R1/4	35	40	45,5	18	10	15	C0SA00628
6	R3/8	39	46,5	55	21	11	19	C0SA00638
8	R1/8	33	35	40	15,5	8	11	C0SA00818
8	R1/4	37	40	45,5	19	10	15	C0SA00828
8	R3/8	40	46,5	55	21	11	19	C0SA00838
8	R1/2	46	53	60	25	14	24	C0SA00848
10	R1/4	39	40	45,5	20	10	15	C0SA01028
10	R3/8	42	46,5	55	22,5	11	19	C0SA01038
10	R1/2	47,5	53	60	25	14	24	C0SA01048
12	R1/4	41	40	45,5	22	10	15	C0SA01228
12	R3/8	46	46,5	55	23	11	19	C0SA01238
12	R1/2	50	53	60	27	14	24	C0SA01248

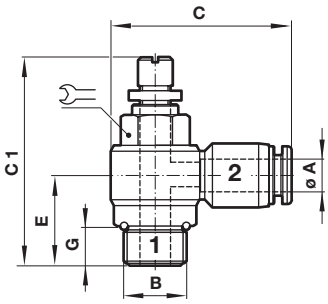
Shrouded banjo (out)
C0TB0

Dimensions in mm
Projection/First angle



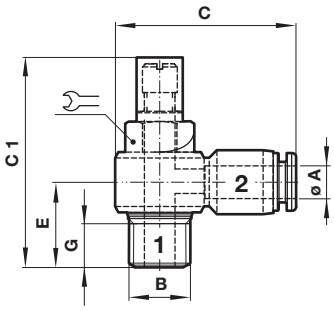
Ø A	B	C	C1	E	G	⌓	Model
4	R1/8	30,5	31,5	15	8	11	C0TB00418
4	R1/4	34,5	37	18,5	10	15	C0TB00428
6	R1/8	31	31,5	15	8	11	C0TB00618
6	R1/4	35	37	18,5	10	15	C0TB00628
6	R3/8	38,5	43,5	22	11	19	C0TB00638
8	R1/8	33	31,5	16,5	8	11	C0TB00818
8	R1/4	37	37	19,5	10	15	C0TB00828
8	R3/8	40	43,5	22	11	19	C0TB00838
8	R1/2	46	50	26,5	14	24	C0TB00848
10	R1/4	39	37	21	10	15	C0TB01028
10	R3/8	42	43,5	23,5	11	19	C0TB01038
10	R1/2	47,5	50	26,5	14	24	C0TB01048
12	R1/4	41	37	22,5	10	15	C0TB01228
12	R3/8	46	43,5	24	11	19	C0TB01238
12	R1/2	50	50	28	14	24	C0TB01248

Banjo flow control (in)
C0L51



Ø A	B	C	> C1	< C1	E	G	⌓	Model
3	M5	21,5	27	30	9,5	3,5	8	C0L510305
4	M5	25	27	30	10	3,5	8	C0L510405
4	G1/8	30,5	35	40	15	6	8	C0L510418
4	G1/4	34,5	40	45,5	17	8	12	C0L510428
6	M5	28	27	30	11	3,5	8	C0L510605
6	G1/8	31	35	40	15	6	8	C0L510618
6	G1/4	35	40	45,5	17	8	12	C0L510628
6	G3/8	39	46,5	55	21	8	14	C0L510638
8	G1/8	33	35	40	14	6	8	C0L510818
8	G1/4	37	40	45,5	16	8	12	C0L510828
8	G3/8	40	46,5	55	21	8	14	C0L510838
8	G1/2	46	53	60	22,5	9	17	C0L510848
10	G1/4	39	40	45,5	18	8	12	C0L511028
10	G3/8	42	46,5	55	19,5	8	14	C0L511038
10	G1/2	47,5	53	60	22,5	9	17	C0L511048
12	G1/4	41	40	45,5	20	8	12	C0L511228
12	G3/8	46	46,5	55	19	8	14	C0L511238
12	G1/2	50	53	60	21	9	17	C0L511248

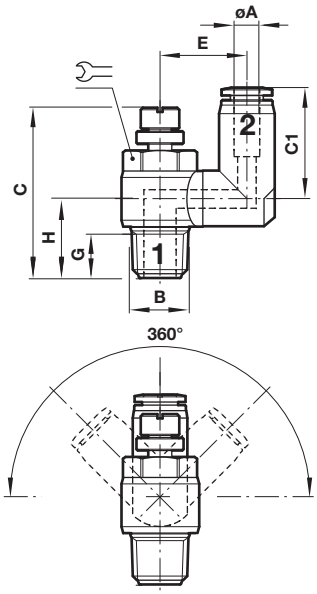
Shrouded banjo (out)
C0KB0



Ø A	B	C	C1	E	G	⌓	Model
4	M5	25	23	10,5	3,5	8	C0KB00405
4	G1/8	30,5	31,5	15	6	8	C0KB00418
4	G1/4	34,5	37	17,5	8	12	C0KB00428
6	M5	28	23	11,5	3,5	8	C0KB00605
6	G1/8	31	31,5	15	6	8	C0KB00618
6	G1/4	35	37	17,5	8	12	C0KB00628
6	G3/8	38,5	43,5	21	8	14	C0KB00638
8	G1/8	33	31,5	14	6	8	C0KB00818
8	G1/4	37	37	17	8	12	C0KB00828
8	G3/8	40	43,5	21	8	14	C0KB00838
8	G1/2	46	50	23	9	17	C0KB00848
10	G1/4	39	37	19	8	12	C0KB01028
10	G3/8	42	43,5	20	8	14	C0KB01038
10	G1/2	47,5	50	23	9	17	C0KB01048
12	G1/4	41	37	20,5	8	12	C0KB01228
12	G3/8	46	43,5	19	8	14	C0KB01238
12	G1/2	50	50	21,5	9	17	C0KB01248

NORGREN

Swivel speed control (out)
C0T56

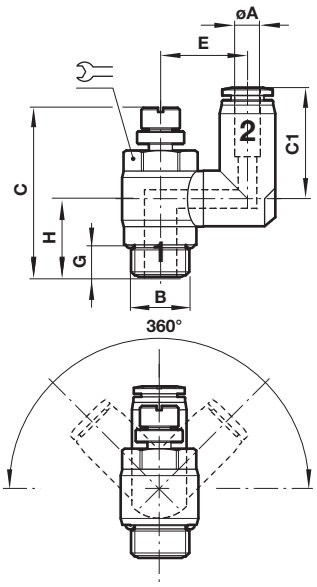


Ø A	B	C*1)	C1	E	G	H		Model
4	R1/8	35/40	20,5	14,5	8	15	11	C0T560418
4	R1/4	4045,5	20,5	18	10	18,5	15	C0T560428
6	R1/8	35/40	24	15,5	8	15	11	C0T560618
6	R1/4	40/45,5	26	20,5	10	18,5	15	C0T560628
6	R3/8	47/55	26	23,5	11	21,5	19	C0T560638
8	R1/8	35/40	25,5	16	8	15,5	11	C0T560818
8	R1/4	40/45,5	29	19,5	10	18,5	15	C0T560828
8	R3/8	47/55	30	24,5	11	22	19	C0T560838
8	R1/2	53/60	30	26,5	14	26	24	C0T560848
10	R1/4	40/45,5	31	20,5	10	18,5	15	C0T561028
10	R3/8	47/55	32	24,5	11	22	19	C0T561038
10	R1/2	53/60	33	26,5	14	26,5	24	C0T561048
12	R1/4	40/45,5	33,5	22	10	18,5	15	C0T561228
12	R3/8	47/55	34,5	24,5	11	22	19	C0T561238
12	R1/2	53/60	36	26,5	14	26,5	24	C0T561248

* min/max

Swivel speed control (out)
C0K56

Dimensions in mm
Projection/First angle



Ø A	B	C*1)	C1	E	G	H		Model
4	M5	27/30	20,5	12,5	3,6	9,5	8	C0K560405
4	G1/8	35/40	20,5	14,5	8	15,5	8	C0K560418
4	G1/4	40/45,5	20,5	18	12	17,5	12	C0K560428
6	M5	27/30	22,5	13,5	3,6	9,5	8	C0K560605
6	G1/8	35/40	24	15,5	8	15,5	8	C0K560618
6	G1/4	40/45,5	26	20,5	12	17,5	12	C0K560628
6	G3/8	47/55	26	23,5	14	21,5	14	C0K560638
8	G1/8	35/40	25,5	16	8	14,5	8	C0K560818
8	G1/4	40/45,5	29	19,5	12	17,5	12	C0K560828
8	G3/8	47/55	30	24,5	14	21	14	C0K560838
8	G1/2	53/60	30	26,5	17	23	17	C0K560848
10	G1/4	40/45,5	31	20,5	12	17,5	12	C0K561028
10	G3/8	47/55	32	24,5	14	21	14	C0K561038
10	G1/2	53/60	33	26,5	17	23	17	C0K561048
12	G1/4	40/45,5	33,5	22	12	17,5	12	C0K561228
12	G3/8	47/55	34,5	24,5	14	21	14	C0K561238
12	G1/2	53/60	36	26,5	17	23	17	C0K561248

* min/max

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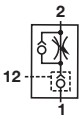
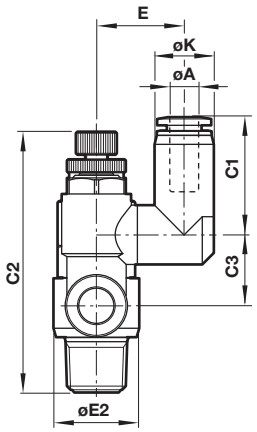
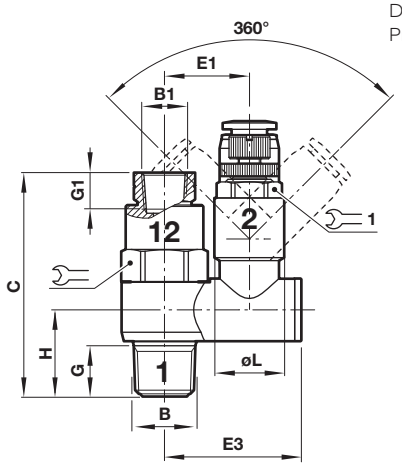
Speed control and pilot check C01GN

Dimensions in mm
Projection/First angle





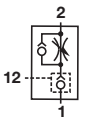


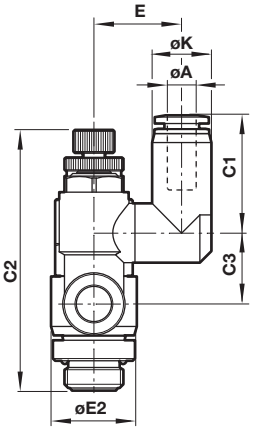
Note:
Pilot check is not suitable for extreme high cycling applications.

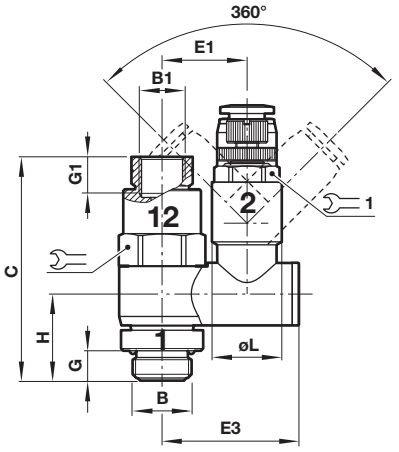
Ø A	B	B1	C	C1	C2*1)	C3	E	E1	Ø E2	E3	G	G1	H	Ø K	Ø L		1	Model
6	R1/8	M5	41	24	50,6/55,4	12,9	14,2	14,3	15	24,2	16	8,5	16	12,5	12	12	10	C01GN0618
6	R1/4	R1/8	49,1	25,9	57,1/61,9	15,6	19,3	18,7	18,8	30,1	11	10	19	13	15,3	17	13	C01GN0628
8	R1/8	M5	41	24,9	50,6/55,4	12,6	15,4	14,3	15	24,2	8,5	8,5	16	14,8	12	12	10	C01GN0818
8	R1/4	R1/8	49,1	28,3	57,1/61,9	15,9	18,3	18,7	18,8	30,1	11	10	19	14,8	15,3	17	13	C01GN0828
8	R3/8	R1/8	56,9	29,3	67,2/72,2	19,1	23,3	22,8	23	37,1	12	10	22,5	15	20,2	19	17	C01GN0838
10	R3/8	R1/8	56,9	31,7	67,2/72,2	19,1	23,3	22,8	23	37,1	12	10	22,5	17,5	20,2	19	17	C01GN1038
10	R1/2	R1/4	70,8	33,1	81,3/87	25,6	26,3	29,1	28,7	47,4	15	13,5	28	17,5	27,2	24	23	C01GN1048
12	R3/8	R1/8	56,9	34,4	67,2/72,2	19,1	23,3	22,8	23	37,1	12	10	22,5	20,5	20,2	19	17	C01GN1238
12	R1/2	R1/4	70,8	35,8	81,3/87	25,6	26,3	29,1	28,7	47,4	15	13,5	28	20,5	27,2	24	23	C01GN1248

*1) min./max. control flow see page 5

Speed control and pilot check C02GN







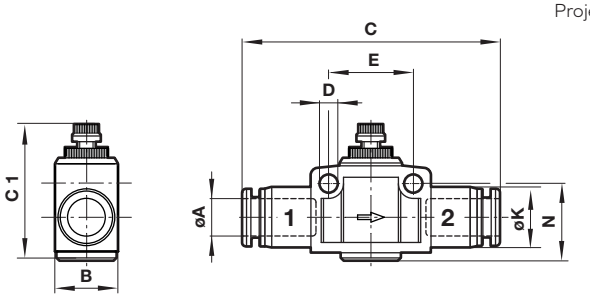
Note:
Pilot check is not suitable for extreme high cycling applications.

Ø A	B	B1	C	C1	C2*1)	C3	E	E1	Ø E2	E3	G	G1	H	Ø K	Ø L		1	Model
6	G1/8	M5	41	24	50,6/55,4	12,9	14,2	14,3	15	24,2	5	8,5	16	12,5	12	12	10	C02GN0618
6	G1/4	G1/8	49,1	25,9	57,1/61,9	15,6	19,3	18,7	18,8	30,1	6,5	9,5	19	13	15,3	17	13	C02GN0628
8	G1/8	M5	41	24,9	50,6/55,4	12,6	15,4	14,3	15	24,2	5	8,5	16	14,8	12	12	10	C02GN0818
8	G1/4	G1/8	49,1	28,3	57,1/61,9	15,9	18,3	18,7	18,8	30,1	6,5	9,5	19	14,8	15,3	17	13	C02GN0828
8	G3/8	G1/8	56,9	29,3	67,2/72,2	19,1	23,3	22,8	23	37,1	7	9,5	22,5	15	20,2	19	17	C02GN0838
10	G3/8	G1/8	56,9	31,7	67,2/72,2	19,1	23,3	22,8	23	37,1	7	9,5	22,5	17,5	20,2	19	17	C02GN1038
10	G1/2	G1/4	70,8	33,1	81,3/78,5	25,6	26,3	29,1	28,7	47,4	8,5	13	28	17,5	27,2	24	23	C02GN1048
12	G3/8	G1/8	56,9	34,4	67,2/72,2	19,1	23,3	22,8	23	37,1	7	9,5	22,5	20,5	20,2	19	17	C02GN1238
12	G1/2	G1/4	70,8	35,8	81,3/78,5	25,6	26,3	29,1	28,7	47,4	8,5	13	28	20,5	27,2	24	23	C02GN1248

*1) min./max. control flow see page 5

In-line flow control
C00GE

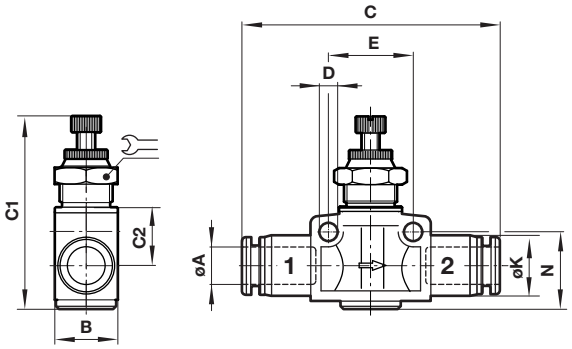
Dimensions in mm
Projection/First angle



Ø A	B	C	> C1	< C1	D	E	Ø K	N	Model
4	12	45	30	33	3,3	15	11	13,5	C00GE0400
6	16	50	35	39,5	4,4	20,5	13	17,5	C00GE0600
8	19	55,5	37,5	42	4,4	23	15	20	C00GE0800
10	23	61	44	49	4,4	28	17,5	23	C00GE1000
12	26,5	70	47,5	53,5	4,4	32	20,5	25,5	C00GE1200

Control flow see page 4

In-line and panel mounting flow control
C00GP



Ø A	B	C	> C1	< C1	C2	D	E	Ø K	N	⌯	Panel hole	Panel thickness	Model
4	12	42	35,5	38	5,5	3,2	15,5	11	13,5	12	11	5	C00GP0400
6	16	49,5	43	48,5	8	4,3	20,5	13	17,5	17	15	6	C00GP0600
8	19	56,5	47,5	53	8,5	4,3	23	15	20	19	17	6	C00GP0800
10	23	63	53,5	61,5	10,5	4,3	27,5	17,5	23	22	17	7	C00GP1000
12	26,5	73,5	57,5	64,5	12	4,4	32,5	20,5	25,5	24	21	7	C00GP1200

Control flow see page 4

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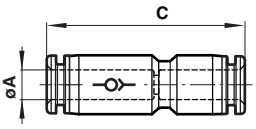
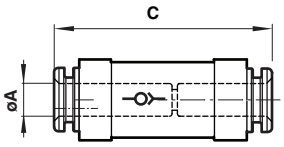
In-line non-return valve (PBT)
C00GL



Ø A	C	Model
4	42	C00GL0400
6	47,5	C00GL0600
8	55,5	C00GL0800

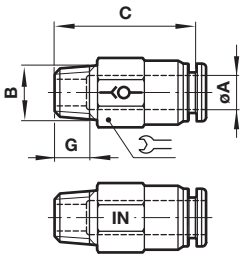
In-line non-return valve (Aluminium)
C00GL

Dimensions in mm
Projection/First angle



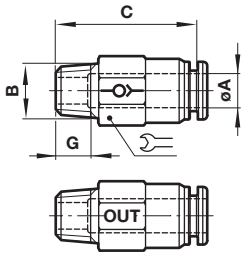
Ø A	C	Model
10	65	C00GL1000
12	73	C00GL1200

In-line non-return valve (in), taper thread
C01G2



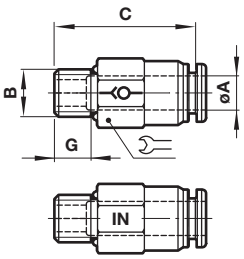
Ø A	B	C	G		Model
4	R1/8	27,5	8	10	C01G20418
6	R1/8	32,5	8	12	C01G20618
8	R1/4	37,5	10	14	C01G20828

In-line non-return valve (out), taper thread
C01G3



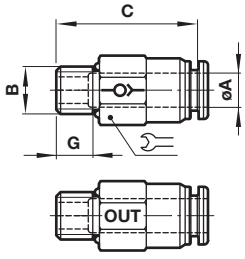
Ø A	B	C	G		Weight (g)	Model
4	R1/8	27,5	8	10	11	C01G30418
6	R1/8	32,5	8	12	16	C01G30618
8	R1/4	37,5	10	14	24	C01G30828

In-line non-return valve (in), ISO G thread
C02G2



Ø A	B	C	G		Model
4	M5	31,5	3,5	10	C02G20405
4	G1/8	27,5	6	10	C02G20418
6	G1/8	32,5	6	12	C02G20618
8	G1/4	37	7	15	C02G20828
10	G3/8	54	8	22	C02G21038
12	G1/2	60,5	9	24	C02G21248

In-line non-return valve (out), ISO G thread
C02G3



Ø A	B	C	G		Model
4	M5	31,5	3,5	10	C02G30405
4	G1/8	27,5	6	10	C02G30418
6	G1/8	32,5	6	12	C02G30618
8	G1/4	37	7	15	C02G30828
10	G3/8	54	8	22	C02G31038
12	G1/2	60,5	9	24	C02G31248

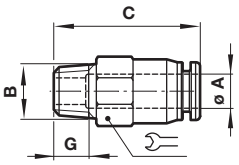
NORGREN

Self sealing fittings

No air flow when tubing is removed - air flow is restored when tubing is inserted

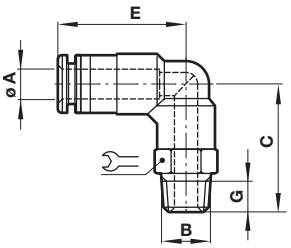
Dimensions in mm
Projection/First angle

Straight adaptor C0124



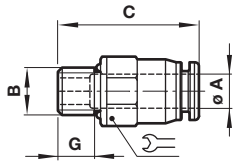
ø A	B	C	G		Model
4	R1/8	26	8	10	C01240418
6	R1/8	29	8	12	C01240618
6	R1/4	29	10	14	C01240628
8	R1/4	33,5	10	14	C01240828
8	R3/8	33,5	11	17	C01240838
10	R1/4	35,5	10	17	C01241028
10	R3/8	35,5	11	17	C01241038
10	R1/2	35,5	14	21	C01241048
12	R1/4	42	10	19	C01241228
12	R3/8	42	11	19	C01241238
12	R1/2	42	14	21	C01241248

Swivel elbow C014J



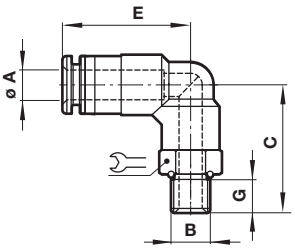
ø A	B	C	E	G		Model
4	R1/8	27	27,5	5	10	C014J0418
6	R1/8	30	32	5	12	C014J0618
6	R1/4	32	30,5	6,5	14	C014J0628
8	R1/8	34,5	41,5	6,5	14	C014J0818
8	R1/4	34	40	6,5	17	C014J0828
10	R1/4	32	26,5	6,5	17	C014J1028
10	R3/8	36	45	6,5	17	C014J1038
10	R1/2	37,5	43	8	21	C014J1048
12	R3/8	40	53,5	6,5	19	C014J1238
12	R1/2	41,5	51,5	8	21	C014J1248

Straight adaptor C0224



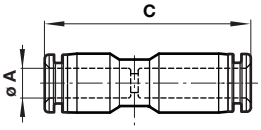
ø A	B	C	G		Model
4	G1/8	25,5	5	12	C02240418
6	G1/8	28	5	12	C02240618
6	G1/4	27	6,5	15	C02240628
8	G1/4	32	6,5	15	C02240828
8	G3/8	32	6,5	17	C02240838
10	G1/4	35	6,5	17	C02241028
10	G3/8	36,5	6,5	17	C02241038
10	G1/2	37,5	8	21	C02241048
12	G1/4	43,5	6,5	19	C02241228
12	G3/8	43,5	6,5	21	C02241238
12	G1/2	44	8	21	C02241248

Swivel elbow C024J



ø A	B	C	E	G		Model
4	M5	20,5	29,5	4	10	C024J0405
4	G1/8	27	27,5	5	14	C024J0418
6	M5	22,5	33	4	12	C024J0605
6	G1/8	30	32	5	14	C024J0618
6	G1/4	32	30,5	6,5	14	C024J0628
8	G1/4	34,5	41,5	6,5	17	C024J0828
8	G3/8	34	40	6,5	20	C024J0838
10	G1/4	32	26,5	6,5	17	C024J1028
10	G3/8	36	45	6,5	20	C024J1038
10	G1/2	37,5	43	8	24	C024J1048
12	G3/8	40	53,5	6,5	20	C024J1238
12	G1/2	41,5	51,5	8	24	C024J1248

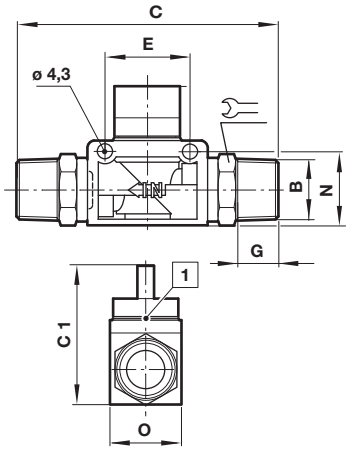
Straight union C002J



ø A	C	Model
4	42	C002J0400
6	46	C002J0600
8	53,5	C002J0800
10	58	C002J1000
12	67	C002J1200

08/20

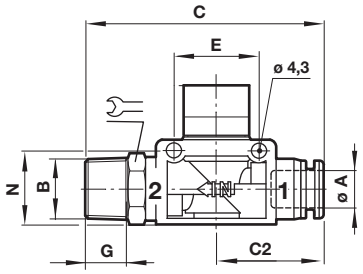
3/2 Shut-off valves C01GG



1 Exhaust bore hole

B	C	C1	E	G	N	O		Model
R1/8	71	40,5	19	8	18,5	18	14	C01GG1818
R1/4	77	40,5	19	10	18,5	18	14	C01GG2828
R3/8	81	41	24	11	21,5	21	17	C01GG3838
R1/2	90	41	24	14	21,5	21	21	C01GG4848

3/2 Shut-off valves C01GH

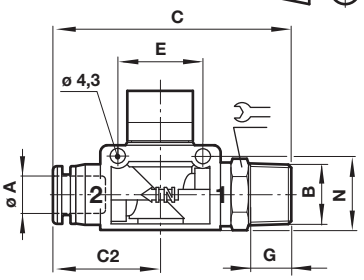


ØA	B	C	C1 *	C2	E	G	N	O *		Model
6	R1/8	62	40,5	26	19	8	18,5	18	14	C01GH0618
6	R1/4	65	40,5	26	19	10	18,5	18	14	C01GH0628
6	R3/8	66	40,5	26	19	11	18,5	21	17	C01GH0638
8	R1/8	63	40,5	27,5	19	8	18,5	18	14	C01GH0818
8	R1/4	66	40,5	27,5	19	10	18,5	18	14	C01GH0828
8	R3/8	67	40,5	27,5	19	11	18,5	21	17	C01GH0838
10	R1/4	67	41	31	24	10	21,5	18	17	C01GH1028
10	R3/8	71,5	41	31	24	11	21,5	21	17	C01GH1038
10	R1/2	74,5	41	31	24	14	21,5	21	21	C01GH1048
12	R1/4	75,5	41	34	24	10	21,5	18	19	C01GH1228
12	R3/8	76,5	41	34	24	11	21,5	21	19	C01GH1238
12	R1/2	79,5	41	34	24	14	21,5	21	21	C01GH1248

* see drawing C01GG series

3/2 Shut-off valves C01GJ

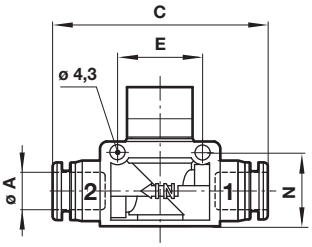
Dimensions in mm
Projection/First angle



ØA	B	C	C1 *	C2	E	G	N	O *		Model
6	R1/8	62	40,5	26	19	8	18,5	18	14	C01GJ0618
6	R1/4	65	40,5	26	19	10	18,5	18	14	C01GJ0628
6	R3/8	66	40,5	26	19	11	18,5	21	17	C01GJ0638
8	R1/8	65	40,5	27,5	19	8	18,5	18	14	C01GJ0818
8	R1/4	66	40,5	27,5	19	10	18,5	18	14	C01GJ0828
8	R3/8	67	40,5	27,5	19	11	18,5	21	17	C01GJ0838
10	R1/4	70,5	41	31	24	10	21,5	18	17	C01GJ1028
10	R3/8	71,5	41	31	24	11	21,5	21	17	C01GJ1038
10	R1/2	74,5	41	31	24	14	21,5	21	21	C01GJ1048
12	R1/4	75,5	41	34	24	10	21,5	18	19	C01GJ1228
12	R3/8	76,5	41	34	24	11	21,5	21	19	C01GJ1238
12	R1/2	79,5	41	34	24	14	21,5	21	21	C01GJ1248

* see drawing C01GG series

3/2 Shut-off valves C01GF



ØA	C	C1 *	E	N	O *	Model
6	52,5	40,5	19	18,5	18	C00GF0600
8	53	40,5	19	18,5	18	C00GF0800
10	62	41	24	21,5	21	C00GF1000
12	68,5	41	24	21,5	21	C00GF1200

* see drawing C01GG series

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 features/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 IMI Precision Engineering, Norgren GmbH.
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.