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Global Connect Push-to-Connect Fittings

Catalog 3501-GC | October 2009



ENGINEERING YOUR SUCCESS.



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Parker Hannifin Corporation
Fluid Connectors Group
Otsego, Michigan

Global Connect Fittings

MATERIALS OF CONSTRUCTION	
STRAIGHT FITTINGS:	BRASS , NICKEL PLATED
SHAPE BODIES:	POLYAMIDE
ELLIPSE BUTTON:	ACETAL COPOLYMER
GRAB RING:	STAINLESS STEEL
O-RING:	NITRILE
SEALANT:	PCTFE

NOMENCLATURE	
EXAMPLE: W369GC-4-2	ATTRIBUTE:
W	WHITE PCTFE THREAD SEALANT
396	MALE ELBOW
GC	GLOBAL CONNECT
4	1/4" TUBE O.D.
2	1/8" PIPE THREAD

APPLICABLE TUBE	
TUBE MATERIAL:	PARKER SERIES "U" AND "HU" POLYURETHANE, NYLON TUBING
TUBE O.D.:	1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 1/2
TUBE O.D.(MM):	4, 6, 8, 10, 12

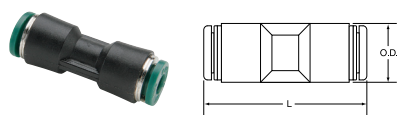
SPECIFICATIONS	
PRESSURE RANGES:	UP TO 150 PSI DEPENDING ON TUBING
TEMPERATURE RANGES:	32° TO +140°F
NOTE:	VACUUM APPLICATIONS ARE DEPENDENT UPON TEMPERATURE AND TYPE OF TUBING USED.



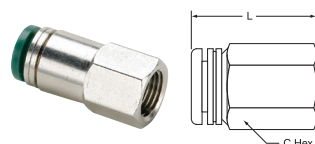
A compact one piece push-to-connect fitting. Designed to be used with no tube support, radial claws on the stainless steel grab ring grip the tubing securely to provide retention. No special tools are needed just insert the tubing until it bottoms. *Global Connect fittings should not be used for live swivel applications*

Assembly Instructions

1. Cut thermoplastic tubing squarely, using Parker Tube Cutter PTC-001. Be certain the port or mating part is clean and free of debris.
2. Insert tubing into fitting until it bottoms. A slight twisting motion will ease the insertion. Pull on tubing to verify it is properly retained in the fitting.
3. To disassemble, simply push the elliptical button against the body and remove tubing.

**Union 32GC**

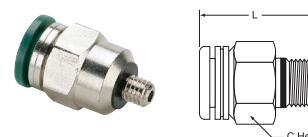
PART NO.	TUBE SIZE	O.D.	L
32GC-2	1/8	.433	1.299
32GC-5/32	5/32	.433	1.300
32GC-3	3/16	.512	1.535
32GC-4	1/4	.560	1.570
32GC-5	5/16	.610	1.614
32GC-6	3/8	.728	1.890
32GC-8	1/2	.866	2.362

**66GC Female Connector**

PART NO.	TUBE SIZE	PIPE THREAD	C HEX	L
66GC-3-2	3/16	1/8	1/2	1.12
66GC-4-2	1/4	1/8	1/2	1.11
66GC-4-4	1/4	1/4	5/8	1.31
66GC-5/32-2	5/32	1/8	1/2	1.07
66GC-5/32-4	5/32	1/4	5/8	1.26
66GC-5-2	5/16	1/8	9/16	1.17
66GC-5-4	5/16	1/4	5/8	1.33
66GC-6-4	3/8	1/4	13/16	1.40
66GC-6-6	3/8	3/8	13/16	1.45

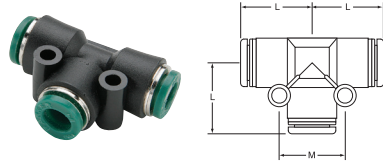
**Male Connector W68GC**

PART NO.	TUBE SIZE	PIPE THREAD	C HEX	L
W68GC-2-1	1/8	1/16	1/2	.950
W68GC-2-2	1/8	1/8	1/2	.900
W68GC-2-4	1/8	1/4	9/16	1.050
W68GC-5/32-1	5/32	1/16	1/2	.940
W68GC-5/32-2	5/32	1/8	1/2	.890
W68GC-5/32-4	5/32	1/4	9/16	1.050
W68GC-3-2	3/16	1/8	1/2	.940
W68GC-3-4	3/16	1/4	9/16	1.090
W68GC-4-1	1/4	1/16	1/2	1.130
W68GC-4-2	1/4	1/8	1/2	.940
W68GC-4-4	1/4	1/4	9/16	1.090
W68GC-4-6	1/4	3/8	11/16	1.090
W68GC-5-2	5/16	1/8	9/16	1.300
W68GC-5-4	5/16	1/4	9/16	1.260
W68GC-5-6	5/16	3/8	11/16	1.250
W68GC-6-2	3/8	1/8	3/4	1.220
W68GC-6-4	3/8	1/4	3/4	1.340
W68GC-6-6	3/8	3/8	3/4	1.340
W68GC-6-8	3/8	1/2	15/16	1.540
W68GC-8-4	1/2	1/4	13/16	1.460
W68GC-8-6	1/2	3/8	13/16	1.450
W68GC-8-8	1/2	1/2	15/16	1.650

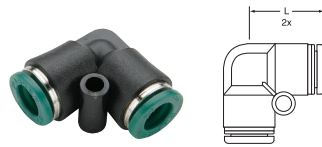
**Male Connector 68GC**

PART NO.	TUBE SIZE	THREAD UNF	C HEX	L
68GC-2-0	1/8	10-32	1/2	.930
68GC-5/32-0	5/32	10-32	1/2	.910
68GC-3-0	3/16	10-32	1/2	.900
68GC-4-0	1/4	10-32	1/2	.900

All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.

**Union Tee 364GC**

PART NO.	TUBE SIZE	MOUNTING HOLE DIA.	L	M
364GC-2	1/8	•	.689	
364GC-5/32	5/32	•	.689	
364GC-3	3/16	.138	.740	.63
364GC-4	1/4	.150	.740	.72
364GC-5	5/16	.173	.906	.81
364GC-6	3/8	.165	1.122	.92
364GC-8	1/2	.165	1.142	1.04

**Union Elbow 365GC**

PART NO.	TUBE SIZE	MOUNTING HOLE DIA.	L
365GC-2	1/8	•	.65
365GC-5/32	5/32	•	.65
365GC-3	3/16	.130	.76
365GC-4	1/4	.130	.76
365GC-5	5/16	.170	.87
365GC-6	3/8	.157	1.13
365GC-8	1/2	.170	1.24

**Male Elbow Swivel 369GC**

PART NO.	TUBE SIZE	THREAD UNF	MOUNTING HOLE DIA.	C HEX	L	N
369GC-2-0	1/8	10-32	*	1/2	.96	.650
369GC-5/32-0	5/32	10-32	*	1/2	.96	.650
369GC-3-0	3/16	10-32	.138	9/16	1.09	.760
369GC-4-0	1/4	10-32	.138	9/16	1.09	.760

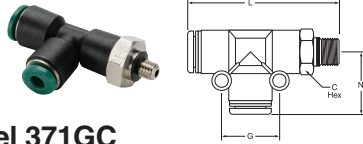
**Male Elbow Swivel W369GC**

PART NO.	TUBE SIZE	PIPE THREAD	MOUNTING HOLE DIA.	C HEX	L	N
W369GC-2-1	1/8	1/16	•	1/2	1.09	.650
W369GC-2-2	1/8	1/8	•	1/2	1.10	.650
W369GC-2-4	1/8	1/4	•	9/16	1.30	.650
W369GC-5/32-1	5/32	1/16	•	1/2	1.09	.650
W369GC-5/32-2	5/32	1/8	•	1/2	1.10	.650
W369GC-5/32-4	5/32	1/4	•	9/16	1.30	.650
W369GC-3-2	3/16	1/8	.138	9/16	1.47	.760
W369GC-3-4	3/16	1/4	.138	9/16	1.43	.760
W369GC-4-2	1/4	1/8	.138	9/16	1.47	.760
W369GC-4-4	1/4	1/4	.138	9/16	1.43	.760
W369GC-4-6	1/4	3/8	.138	13/16	1.44	.760
W369GC-5-2	5/16	1/8	.169	5/8	1.26	.866
W369GC-5-4	5/16	1/4	.169	5/8	1.46	.866
W369GC-5-6	5/16	3/8	.169	13/16	1.50	.866
W369GC-6-2	3/8	1/8	.158	13/16	1.52	1.130
W369GC-6-4	3/8	1/4	.158	13/16	1.72	1.130
W369GC-6-6	3/8	3/8	.158	13/16	1.72	1.130
W369GC-6-8	3/8	1/2	.158	15/16	1.94	1.130
W369GC-8-4	1/2	1/4	.173	15/16	1.88	1.240
W369GC-8-6	1/2	3/8	.173	15/16	1.89	1.240
W369GC-8-8	1/2	1/2	.173	15/16	2.07	1.240

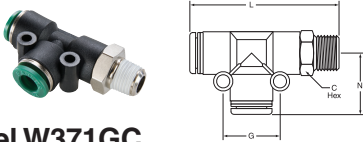
**Female Elbow Swivel 370GC**

PART NO.	TUBE SIZE	PIPE THREAD	MOUNTING HOLE DIA.	C HEX	L	N
370GC-2-2	1/8	1/8	•	1/2	.98	.650
370GC-2-4	1/8	1/4	•	5/8	1.14	.650
370GC-5/32-2	5/32	1/8	•	1/2	.98	.650
370GC-5/32-4	5/32	1/4	•	5/8	1.14	.650
370GC-3-4	3/16	1/4	.138	9/16	1.23	.760
370GC-4-2	1/4	1/8	.138	9/16	1.08	.760
370GC-4-4	1/4	1/4	.138	5/8	1.23	.760
370GC-4-6	1/4	3/8	.138	13/16	1.27	.760
370GC-5-2	5/16	1/8	.173	5/8	1.14	.866
370GC-5-4	5/16	1/4	.173	5/8	1.30	.866
370GC-6-2	3/8	1/8	.157	13/16	1.36	1.130
370GC-6-4	3/8	1/4	.157	13/16	1.52	1.130
370GC-6-6	3/8	3/8	.157	13/16	1.56	1.130
370GC-6-8	3/8	1/2	.157	15/16	1.70	1.130
370GC-8-6	1/2	3/8	.173	15/16	1.68	1.240
370GC-8-8	1/2	1/2	1.730	15/16	2.27	1.240

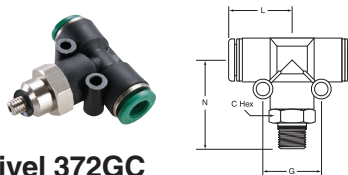
All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.

**Male Run Tee Swivel 371GC**

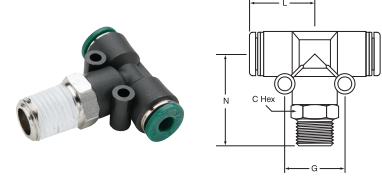
PART NO.	TUBE SIZE	THREAD UNF	MOUNTING HOLE DIA.	C HEX	L	N	G
371GC-5/32-0	5/32	10-32	*	1/2	1.71	.689	
371GC-4-0	1/4	10-32	.138	9/16	1.81	.740	.630

**Male Run Tee Swivel W371GC**

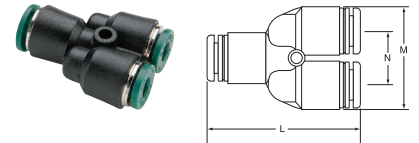
PART NO.	TUBE SIZE	PIPE THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
W371GC-2-1	1/8	1/16	•	1/2	1.86	.689	
W371GC-2-2	1/8	1/8	•	1/2	1.86	.689	
W371GC-2-4	1/8	1/4	•	9/16	2.06	.689	
W371GC-5/32-1	5/32	1/16	•	1/2	1.85	.689	
W371GC-5/32-2	5/32	1/8	•	1/2	1.85	.689	
W371GC-5/32-4	5/32	1/4	•	9/16	2.05	.689	
W371GC-3-2	3/16	1/8	.138	9/16	1.94	.740	.630
W371GC-3-4	3/16	1/4	.138	9/16	2.15	.740	.630
W371GC-4-2	1/4	1/8	.138	9/16	1.94	.740	.630
W371GC-4-4	1/4	1/4	.138	9/16	2.15	.740	.630
W371GC-4-6	1/4	3/8	.138	13/16	2.19	.740	.630
W371GC-5-2	5/16	1/8	.173	5/8	2.21	.906	.811
W371GC-5-4	5/16	1/4	.173	5/8	2.41	.906	.811
W371GC-5-6	5/16	3/8	.173	13/16	2.46	.906	.811
W371GC-6-2	3/8	1/8	.165	13/16	2.61	1.122	.921
W371GC-6-4	3/8	1/4	.165	13/16	2.80	1.122	.921
W371GC-6-6	3/8	3/8	.165	13/16	2.81	1.122	.921
W371GC-6-8	3/8	1/2	.165	15/16	3.03	1.122	.921
W371GC-8-4	1/2	1/4	.165	15/16	2.89	1.142	1.035
W371GC-8-6	1/2	3/8	.165	15/16	2.90	1.142	1.035
W371GC-8-8	1/2	1/2	.165	15/16	3.12	1.142	1.035

**Male Branch Tee Swivel 372GC**

PART NO.	TUBE SIZE	PIPE THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
372GC-2-0	1/8	10-32	•	1/2	.689	1.00	
372GC-5/32-0	5/32	10-32	•	1/2	.689	1.00	
372GC-4-0	1/4	10-32	.138	9/16	.740	1.04	.630

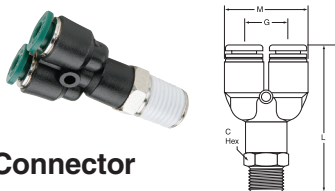
**Male Branch Tee Swivel W372GC**

PART NO.	TUBE SIZE	PIPE THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
W372GC-2-2	1/8	1/8	•	1/2	.689	1.14	
W372GC-2-4	1/8	1/4	•	9/16	.689	1.34	
W372GC-5/32-2	5/32	1/8	•	1/2	.689	1.14	
W372GC-3-2	3/16	1/8	.138	9/16	.740	1.17	.630
W372GC-3-4	3/16	1/4	.138	9/16	.740	1.38	.630
W372GC-4-2	1/4	1/8	.138	9/16	.740	1.17	.630
W372GC-4-4	1/4	1/4	.138	9/16	.740	1.38	.630
W372GC-4-6	1/4	3/8	.138	13/16	.740	1.42	.630
W372GC-5-2	5/16	1/8	.173	5/8	.906	1.31	.811
W372GC-5-4	5/16	1/4	.173	5/8	.906	1.51	.811
W372GC-5-6	5/16	3/8	.173	13/16	.906	1.56	.811
W372GC-6-2	3/8	1/8	.165	13/16	1.122	1.50	.921
W372GC-6-4	3/8	1/4	.165	13/16	1.122	1.70	.921
W372GC-6-6	3/8	3/8	.165	13/16	1.122	1.71	.921
W372GC-6-8	3/8	1/2	.165	15/16	1.122	1.93	.921
W372GC-8-4	1/2	1/4	.165	15/16	1.142	1.74	1.035
W372GC-8-6	1/2	3/8	.165	15/16	1.142	1.74	1.035
W372GC-8-8	1/2	1/2	.165	15/16	1.142	1.96	1.035

**Union Y Connector 362GC**

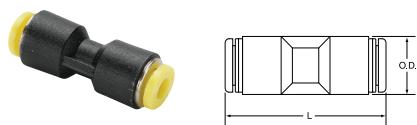
PART NO.	TUBE SIZE	MOUNTING HOLE DIA.	L	M	N
362GC-2	1/8	.118	1.358	.421	.846
362GC-5/32	5/32	.118	1.358	.421	.846
362GC-3	3/16	.129	1.417	.531	1.063
362GC-4	1/4	.150	1.450	.561	1.100
362GC-5	5/16	.150	1.693	.591	1.201
362GC-6	3/8	.165	1.969	.728	1.457
362GC-8	1/2	.173	2.256	.807	1.646

All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.



Union Y Male Swivel Connector W368GC

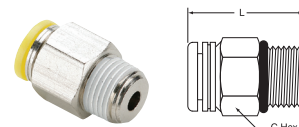
PART NO.	TUBE SIZE	PIPE THREAD	MOUNTING HOLE DIA.	C HEX	L	G	M
W368GC-2-2	1/8	1/8	.118	1/2	1.84	.433	.854
W368GC-2-4	1/8	1/4	.118	9/16	2.04	.433	.854
W368GC-3-2	3/16	1/8	.134	9/16	1.89	.531	1.063
W368GC-3-4	3/16	1/4	.134	9/16	2.09	.531	1.063
W368GC-5/32-2	5/32	1/8	.118	1/2	1.83	.433	.854
W368GC-5/32-4	5/32	1/4	.118	9/16	2.03	.433	.854
W368GC-4-2	1/4	1/8	.134	9/16	1.89	.531	1.063
W368GC-4-4	1/4	1/4	.134	9/16	2.09	.531	1.063
W368GC-4-6	1/4	3/8	.134	13/16	2.10	.531	1.063
W368GC-5-2	5/16	1/8	.150	5/8	2.07	.590	1.201
W368GC-5-4	5/16	1/4	.150	5/8	2.28	.590	1.201
W368GC-6-2	3/8	1/8	.165	13/16	2.36	.728	1.457
W368GC-6-4	3/8	1/4	.165	13/16	2.57	.728	1.457
W368GC-6-6	3/8	3/8	.165	13/16	2.57	.728	1.457
W368GC-6-8	3/8	1/2	.173	15/16	2.79	.728	1.457
W368GC-8-4	1/2	1/4	.173	15/16	2.91	.807	1.654
W368GC-8-6	1/2	3/8	.173	15/16	2.92	.807	1.654
W368GC-8-8	1/2	1/2	.173	15/16	3.11	.807	1.654



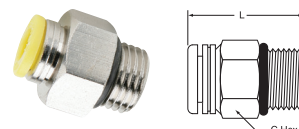
Union HGC (Metric)

PART NO.	TUBE SIZE MM	O.D.	L
HGC4	4	11.00	33.00
HGC6	6	13.00	39.00
HGC8	8	15.50	41.00
HGC10	10	18.50	48.00
HGC12	12	22.00	60.00

Male Connector BSPT F3GC (Metric)



PART NO.	TUBE SIZE MM	BSPT THREAD	C HEX	L
F3GC4-1/8	4	1/8	12	21.00
F3GC4-1/4	4	1/4	14	18.50
F3GC6-1/8	6	1/8	14	22.00
F3GC6-1/4	6	1/4	14	23.00
F3GC8-1/8	8	1/8	17	26.40
F3GC8-1/4	8	1/4	17	24.00
F3GC8-3/8	8	3/8	17	23.00
F3GC10-1/4	10	1/4	21	31.80
F3GC10-3/8	10	3/8	21	29.20
F3GC10-1/2	10	1/2	22	27.00
F3GC12-1/4	12	1/4	22	34.00
F3GC12-3/8	12	3/8	22	32.00
F3GC12-1/2	12	1/2	22	33.00

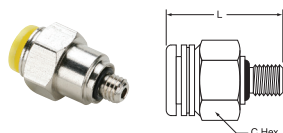


Male Connector BSPP F4GC (Metric)

PART NO.	TUBE SIZE MM	BSPP THREAD	C HEX	L
F4GC4-1/8	4	1/8	14	21.00
F4GC4-1/4	4	1/4	17	20.00
F4GC6-1/8	6	1/8	14	25.50
F4GC6-1/4	6	1/4	17	24.00
F4GC8-1/8	8	1/8	14	27.40
F4GC8-1/4	8	1/4	17	26.20
F4GC8-3/8	8	3/8	21	26.20
F4GC10-1/4	10	1/4	17	34.30
F4GC10-3/8	10	3/8	21	31.30
F4GC10-1/2	10	1/2	24	34.30
F4GC12-1/4	12	1/4	19	35.60
F3GC12-3/8	12	3/8	21	31.60
F4GC12-1/2	12	1/2	24	34.60

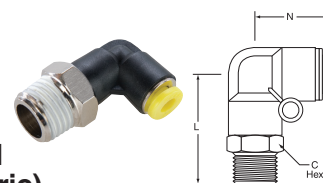
All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.

Male Connector Metric Thread F8GC



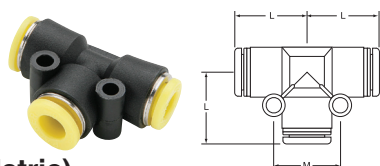
PART NO.	TUBE SIZE MM	MM THREAD	C HEX	L
F8GC4M5	4	M5	12	23.00
F8GC6M5	6	M5	14	22.50
F8GC6M10	6	M10	14	23.50
F8GC6M12	6	M12	17	25.50
F8GC8M12	8	M12	17	29.70
F8GC8M16	8	M16	21	25.20

Male Elbow Swivel BSPT C63GC (Metric)



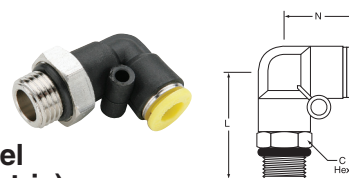
PART NO.	TUBE SIZE MM	BSPT THREAD	MOUNTING HOLE DIA.	C HEX	L	N
C63GC4-1/8	4	1/8	•	12	24.90	16.50
C63GC4-1/4	4	1/4	•	14	24.90	16.50
C63GC4-3/8	4	3/8	•	17	27.90	16.50
C63GC6-1/8	6	1/8	3.5	14	27.70	13.00
C63GC6-1/4	6	1/4	3.5	14	29.70	13.00
C63GC6-3/8	6	3/8	3.5	17	31.70	13.00
C63GC8-1/8	8	1/8	4.3	17	29.00	22.00
C63GC8-1/4	8	1/4	4.3	17	31.00	22.00
C63GC8-3/8	8	3/8	4.3	17	33.00	22.00
C63GC8-1/2	8	1/2	4.3	22	35.00	22.00
C63GC10-1/4	10	1/4	4.0	21	36.50	28.70
C63GC10-3/8	10	3/8	4.0	21	37.50	28.70
C63GC10-1/2	10	1/2	4.0	22	40.50	28.70
C63GC12-1/4	12	1/4	4.4	22	40.70	31.50
C63GC12-3/8	12	3/8	4.4	22	41.70	31.50
C63GC12-1/2	12	1/2	4.4	22	43.70	31.50

Union Tee JGC (Metric)



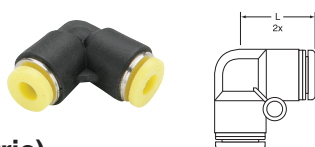
PART NO.	TUBE SIZE MM	MOUNTING HOLE DIA.	L	M
JGC4	4	•	17.50	
JGC6	6	18.80	18.80	3.50
JGC8	8	23.00	23.00	4.40
JGC10	10	28.50	28.50	4.20
JGC12	12	29.00	29.00	4.20

Male Elbow Swivel BSPP C64GC (Metric)



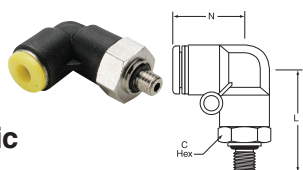
PART NO.	TUBE SIZE MM	BSPP THREAD	MOUNTING HOLE DIA.	C HEX	L	N
C64GC4-1/8	4	1/8	•	12	26.90	16.50
C64GC4-1/4	4	1/4	•	17	30.90	16.50
C64GC4-3/8	4	3/8	•	21	32.90	16.50
C64GC6-1/8	6	1/8	3.5	14	29.30	13.00
C64GC6-1/4	6	1/4	3.5	17	33.30	13.00
C64GC6-3/8	6	3/8	3.5	21	33.30	13.00
C64GC8-1/8	8	1/8	4.3	17	30.00	22.00
C64GC8-1/4	8	1/4	4.3	17	34.00	22.00
C64GC8-3/8	8	3/8	4.3	21	34.00	22.00
C64GC8-1/2	8	1/2	4.3	24	36.00	22.00
C64GC10-1/4	10	1/4	4.0	21	40.50	28.70
C64GC10-3/8	10	3/8	4.0	21	40.50	28.70
C64GC10-1/2	10	1/2	4.0	24	42.50	28.70
C64GC12-1/4	12	1/4	4.4	22	41.70	31.50
C64GC12-3/8	12	3/8	4.4	22	41.70	31.50
C64GC12-1/2	12	1/2	4.4	24	45.70	31.50

Union Elbow EGC (Metric)



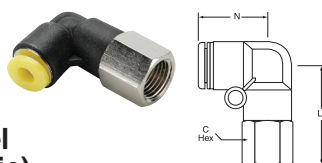
PART NO.	TUBE SIZE MM	MOUNTING HOLE DIA.	L
EGC4	4	*	16.50
EGC6	6	3.50	19.30
EGC8	8	4.30	22.00
EGC10	10	4.00	28.70
EGC12	12	4.40	31.50

All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.



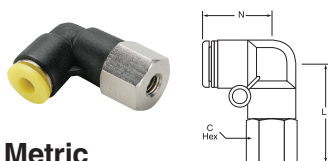
Male Elbow Swivel Metric Thread C68GC

PART NO.	TUBE SIZE MM	METRIC THREAD	MOUNTING HOLE DIA.	C HEX	L	N
C68GC4M5	4	M5X0.8	•	12	26.90	16.50
C68GC4M6	4	M6X1.0	•	12	26.90	16.50
C68GC6M5	6	M5X0.8	3.5	14	29.30	19.30
C68GC6M6	6	M6X1.0	3.5	14	29.30	19.30



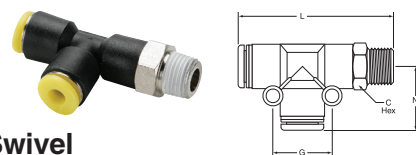
Female Elbow Swivel BSPT CF63GC (Metric)

PART NO.	TUBE SIZE MM	BSPT THREAD	MOUNTING HOLE DIA.	C HEX	L	N
CF63GC4-1/8	4	1/8	•	12	24.50	16.50
CF63GC4-1/4	4	1/4	•	17	25.90	16.50
CF63GC4-3/8	4	3/8	•	21	26.40	16.50
CF63GC6-1/8	6	1/8	3.5	14	28.80	19.30
CF63GC6-1/4	6	1/4	3.5	17	28.80	19.30
CF63GC6-3/8	6	3/8	3.5	21	28.80	19.30
CF63GC8-1/8	8	1/8	4.3	17	31.00	22.00
CF63GC8-1/4	8	1/4	4.3	17	31.00	22.00
CF63GC8-3/8	8	3/8	4.3	21	32.00	22.00
CF63GC8-1/2	8	1/2	4.3	22	32.00	22.00
CF63GC10-1/4	10	1/4	4.0	21	36.50	28.70
CF63GC10-3/8	10	3/8	4.0	21	37.50	28.70
CF63GC10-1/2	10	1/2	4.0	24	37.50	28.70
CF63GC12-1/4	12	1/4	4.4	22	40.70	31.50
CF63GC12-3/8	12	3/8	4.4	22	40.70	31.50
CF63GC12-1/2	12	1/2	4.4	24	51.20	31.50



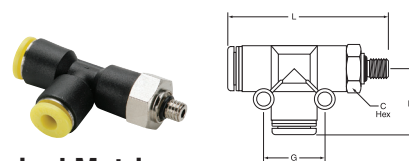
Female Elbow Swivel Metric Thread CF68GC

PART NO.	TUBE SIZE MM	METRIC THREAD	MOUNTING HOLE DIA.	C HEX	L	N
CF68GC4M5	4	M5X0.8	•	12	23.00	16.50
CF68GC4M6	4	M6X1.0	•	12	23.00	16.50
CF68GC6M5	6	M5X0.8	3.5	14	25.30	19.30
CF68GC6M6	6	M6X1.0	3.5	14	25.30	19.30



Male Run Tee Swivel BSPT R63GC (Metric)

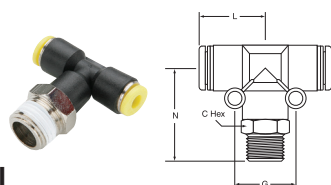
PART NO.	TUBE SIZE MM	BSPT THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
R63GC4-1/8	4	1/8	•	12	43.90	17.50	
R63GC4-1/4	4	1/4	•	14	45.90	17.50	
R63GC4-3/8	4	3/8	•	17	47.90	17.50	
R63GC6-1/8	6	1/8	3.5	14	46.30	18.80	16.00
R63GC6-1/4	6	1/4	3.5	14	48.30	18.80	16.00
R63GC6-3/8	6	3/8	3.5	17	50.30	18.80	16.00
R63GC8-1/8	8	1/8	4.4	17	53.20	23.00	20.60
R63GC8-1/4	8	1/4	4.4	17	55.20	23.00	20.60
R63GC8-3/8	8	3/8	4.4	17	57.20	23.00	20.60
R63GC8-1/2	8	1/2	4.4	22	59.20	23.00	20.60
R63GC10-1/4	10	1/4	4.2	21	64.20	28.50	23.40
R63GC10-3/8	10	3/8	4.2	21	65.20	28.50	23.40
R63GC10-1/2	10	1/2	4.2	22	68.20	28.50	23.40
R63GC12-1/4	12	1/4	4.2	22	67.00	29.00	26.30
R63GC12-3/8	12	3/8	4.2	22	68.00	29.00	26.30
R63GC12-1/2	12	1/2	4.2	22	70.00	29.00	26.30



Male Run Tee Swivel Metric Thread R68GC

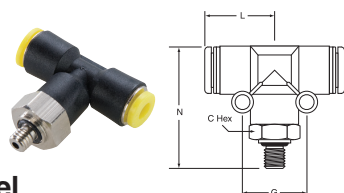
PART NO.	TUBE SIZE MM	METRIC THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
R68GC4M5	4	M5X0.8	•	12	46.00	17.50	
R68GC4M6	4	M6X1.0	•	12	46.00	17.50	
R68GC6M5	6	M5X0.8	3.5	14	48.30	18.80	16.00
R68GC6M6	6	M6X1.0	3.5	14	48.30	18.80	16.00

All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.



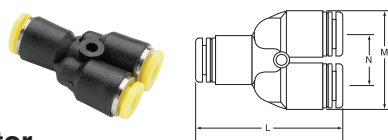
Male Branch Tee Swivel BSPT S63GC (Metric)

PART NO.	TUBE SIZE MM	BSPT THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
S63GC4-1/8	4	1/8	•	12	17.50	26.00	
S63GC4-1/4	4	1/4	•	14	17.50	28.00	
S63GC4-3/8	4	3/8	•	17	17.50	30.00	
S63GC6-1/8	6	1/8	3.5	14	18.80	26.80	16.00
S63GC6-1/4	6	1/4	3.5	14	18.80	28.80	16.00
S63GC6-3/8	6	3/8	3.5	17	18.80	30.80	16.00
S63GC8-1/8	8	1/8	4.4	17	23.00	30.20	20.60
S63GC8-1/4	8	1/4	4.4	17	23.00	32.20	20.60
S63GC8-3/8	8	3/8	4.4	17	23.00	34.20	20.60
S63GC8-1/2	8	1/2	4.4	22	23.00	36.20	20.60
S63GC10-1/4	10	1/4	4.2	21	28.50	36.20	23.40
S63GC10-3/8	10	3/8	4.2	21	28.50	37.20	23.40
S63GC10-1/2	10	1/2	4.2	22	28.50	40.20	23.40
S63GC12-1/4	12	1/4	4.2	22	29.00	38.00	26.30
S63GC12-3/8	12	3/8	4.2	22	29.00	39.00	26.30
S63GC12-1/2	12	1/2	4.2	22	29.00	41.00	26.30



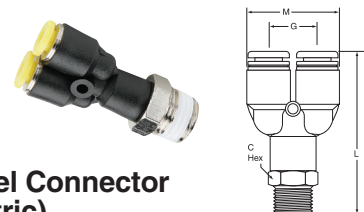
Male Branch Tee Swivel Metric Thread S68GC

PART NO.	TUBE SIZE MM	METRIC THREAD	MOUNTING HOLE DIA.	C HEX	L	N	G
S68GC4M5	4	M5X0.8	•	12	17.50	28.00	
S68GC4M6	4	M6X1.0	•	12	17.50	28.00	
S68GC6M5	6	M5X0.8	3.5	14	18.80	28.80	16.00
S68GC6M6	6	M6X1.0	3.5	14	18.80	28.80	16.00



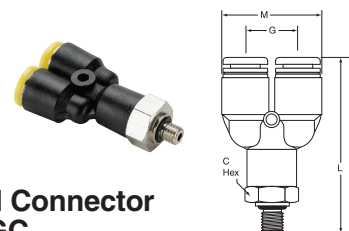
Union Y Connector YJGC (Metric)

PART NO.	TUBE SIZE MM	MOUNTING HOLE DIA.	L	M	N
YJGC4	4	3.00	34.50	21.50	10.70
YJGC6	6	3.40	36.00	27.00	13.50
YJGC8	8	3.80	43.00	30.50	15.00
YJGC10	10	4.20	50.80	37.00	18.50
YJGC12	12	4.40	57.80	41.50	20.50



Union Y Male Swivel Connector BSPT YJ63GC (Metric)

PART NO.	TUBE SIZE MM	BSPT THREAD	MOUNTING HOLE DIA.	C HEX	L	G	M
YJ63GC4-1/8	4	1/8	3.0	12	43.40	11.0	21.50
YJ63GC4-1/4	4	1/4	3.0	14	45.40	11.0	21.50
YJ63GC4-3/8	4	3/8	3.0	17	47.40	11.0	21.50
YJ63GC6-1/8	6	1/8	3.4	14	44.20	13.5	27.00
YJ63GC6-1/4	6	1/4	3.4	14	46.20	13.5	27.00
YJ63GC6-3/8	6	3/8	3.4	17	48.20	13.5	27.00
YJ63GC8-1/8	8	1/8	3.8	17	50.00	15.0	30.50
YJ63GC8-1/4	8	1/4	3.8	17	52.00	15.0	30.50
YJ63GC8-3/8	8	3/8	3.8	17	54.00	15.0	30.50
YJ63GC8-1/2	8	1/2	3.8	22	56.00	15.0	30.50
YJ63GC10-1/4	10	1/4	4.2	21	58.30	18.5	37.00
YJ63GC10-3/8	10	3/8	4.2	21	59.30	18.5	37.00
YJ63GC10-1/2	10	1/2	4.2	22	62.30	18.5	37.00
YJ63GC12-1/4	12	1/4	4.4	22	66.80	20.5	41.50
YJ63GC12-3/8	12	3/8	4.4	22	67.80	20.5	41.50
YJ63GC12-1/2	12	1/2	4.4	22	69.80	20.5	41.50



Union Y Male Swivel Connector Metric Thread YJ68GC

PART NO.	TUBE SIZE MM	METRIC THREAD	MOUNTING HOLE DIA.	C HEX	L	G	M
YJ68GC4M5	4	M5X0.8	3.0	12	43.40	11.0	21.50
YJ68GC4M6	4	M6X1.0	3.0	12	43.40	11.0	21.50
YJ68GC6M5	6	M5X0.8	3.4	14	44.20	13.5	27.00
YJ68GC6M6	6	M6X1.0	3.4	14	44.20	13.5	27.00

All dimensions are preliminary and could change during final production. *Note 1/8" and 4mm sizes do not have mounting holes.

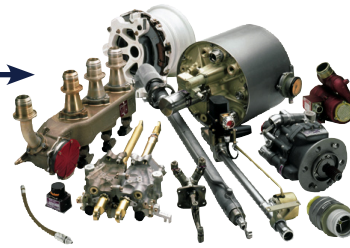
Aerospace

Key Markets

- Commercial transports
- Military aircraft
- Regional transports
- Aircraft engines
- Business and general aviation

Key Products

- Flight control systems and components
- Hydraulic systems and components
- Fuel systems and components
- Pneumatic systems and components
- Inert oxygen generating systems
- Fluid metering, delivery and atomization devices
- Wheels and brakes
- Couplings, fittings, hoses and tubes



Automation

Key Markets

- Factory automation
- Transportation and automotive
- Life sciences and medical
- Machine tools
- Semiconductor and electronics

Key Products

- Pneumatic motion and control
- Air preparation
- Vacuum controls and sensors
- Electromechanical stepper and servo motors, drives, and controls
- Human machine interface
- Electric actuators, gantry robots, slides and linear motors
- Structural extrusion



Climate & Industrial Controls

Key Markets

- Refrigeration and air conditioning
- Transportation/mobile
- Process
- Industrial machinery
- Medical/life sciences
- Fuel cells
- Precision cooling

Key Products

- Pressure regulators
- Check, ball and service valves
- Value-added systems
- Thermostatic and expansion valves
- Electronic controllers
- Contaminant controls
- Heating/air conditioning hose
- Gerotors



Filtration

Key Markets

- Industrial machinery
- Process
- Mobile
- Marine
- Oil & gas
- Power generation and energy
- Transportation
- Food and beverage

Key Products

- Hydraulic, lubrication and coolant filters
- Process, chemical, water and microfiltration filters
- Compressed air and gas purification filters
- Condition monitoring
- Analytical gas generators
- Nitrogen, hydrogen and zero air generators
- Engine air, fuel, oil filtration and systems



Fluid Connectors

Key Markets

- Construction machinery
- Agriculture
- Transportation
- Mobile
- Industrial machinery
- Oil & gas

Key Products

- Rubber and thermoplastic hose
- Industrial hose
- Tube fittings and adaptors
- Tubing and plastic fittings
- Brass fittings and valves
- Hose couplings
- Quick disconnects



Hydraulics

Key Markets

- Construction machinery
- Agriculture
- Industrial machinery
- Oil & gas
- Truck hydraulics
- Power generation and energy

Key Products

- Hydraulic cylinders and accumulators
- Hydraulic valves and controls
- Hydraulic motors and pumps
- Power take-offs
- Hydraulic systems



Instrumentation

Key Markets

- Power generation
- Oil & gas
- Petrochemical
- Microelectronics
- Biopharmaceutical

Key Products

- Medium/high pressure fittings and valves
- Instrumentation fittings, valves, manifolds and regulators
- High purity fittings, valves and regulators
- Fluoropolymer fittings, valves, pumps and regulators
- Analytical systems



Seal

Key Markets

- Transportation
- Energy, oil & gas
- Semiconductor
- Aerospace
- Fluid power
- Life sciences
- Telecommunications

Key Products

- Elastomeric O-rings
- Homogeneous and inserted elastomeric shapes and diaphragms
- Metal and plastic retained composite seals
- Polymeric and plastic dynamic seals
- Rubber and plastic boots/bellows
- Extruded and precision-cut/fabricated elastomeric seals
- Thermoplastic engineered seals



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