

# Quick-connects

QC1 Series

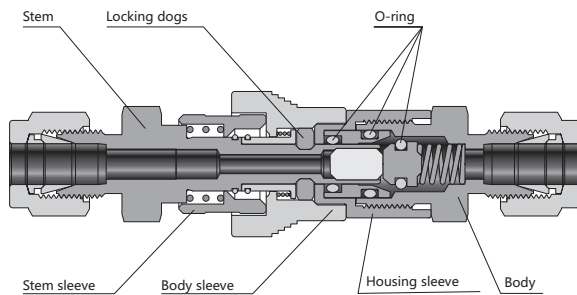


- ❖ Push to connect and pull on knurled sleeve to disconnect
- ❖ Maximum working pressure up to 3000 psig (206 bar)
- ❖ Working temperature from -50°F to 500°F (-45°C to 260°C)
- ❖ Single-end shutoff and double-end shutoff stems
- ❖ Stainless steel and brass

## Features

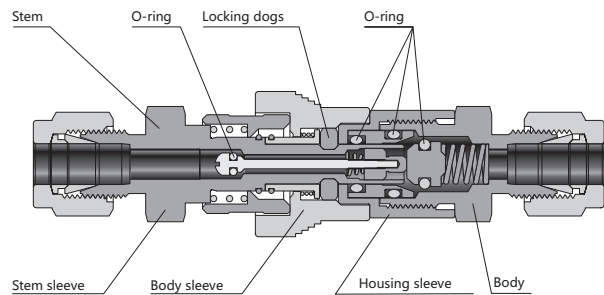
- ❖ Maximum working pressure up to 3000 psig (206 bar)
- ❖ Push to connect and pull on knurled sleeve to disconnect enables easy operation
- ❖ Minimal spillage upon disconnect and minimal air inclusion upon connect
- ❖ Materials: stainless steel or brass
- ❖ Wide range of seal materials available
- ❖ Single-end shutoff and double-end shutoff stems
- ❖ Large number of Superior locking balls retains stem
- ❖ Interchangeable and intermixable with major

### Single-end Shutoff (SESO)



← Flow Direction ←

### Double-end Shutoff (DESO)



← Flow Direction ←

### Materials of Construction

Component	Material	
	316 S.S.	Brass
Body, stem, body valve, body insert, DESO valve, DESO retainer	316 S.S.	Brass C36000
SESO stem insert	316 S.S.	Brass C26000
O-rings	Fluorocarbon FKM, ethylene propylene, perfluorocarbon FFKM	Buna N
Springs	316 S.S.	
Snap rings	302 S.S.	
Body sleeve	Powdered metal 300 series S.S.	Brass C36000
Housing	316 S.S.	Brass C36000
DESO stem sleeve	Polyurethane enamel-coated 316 S.S.	Polyurethane enamel-coated brass C36000
SESO stem sleeve	316 S.S.	Brass C36000
Locking dogs	Xylan®-coated 316 S.S. powdered metal	

### Spillage and Air Inclusion

Series	Spillage cm <sup>3</sup>	Air Inclusion cm <sup>3</sup>
-4	0.3	0.3
-6	1.0	1.0
-8	3.0	3.0

### Maximum Flow Rate at 70 °F (20 °C)

Series	Water Flow U.S. gal/min (L/min)
-4	4 (15)
-6	6 (22)
-8	10 (37)

## Pressure-Temperature Ratings

### -4 Series

Material	316 S.S.			Brass
O-Ring Material	Fluoro-carbon FKM	Ethylene propylene	Perfluoro-carbon FFKM	Buna N
Temperature °F (°C)	Pressure Rating psig (bar)			
Coupled				
-50 (-45)	—	3000 (206)	—	—
0 (-17)	—	3000 (206)	—	2000 (137)
10 (-12)	3000 (206)	3000 (206)	—	2000 (137)
60 (15)	3000 (206)	3000 (206)	3000 (206)	2000 (137)
100 (37)	3000 (206)	3000 (206)	3000 (206)	2000 (137)
150 (65)	2750 (189)	2750 (189)	2750 (189)	1300 (89.5)
200 (93)	2300 (158)	2300 (158)	2300 (158)	700 (48.0)
250 (121)	1850 (127)	1850 (127)	1850 (127)	300 (20.6)
300 (148)	1400 (96.4)	1400 (96.4)	1400 (96.4)	—
350 (176)	950 (65.4)	—	950 (65.4)	—
400 (204)	500 (34.4)	—	500 (34.4)	—
500 (260)	—	—	150 (10.3)	—
Uncoupled and When Coupling and Uncoupling				
70 (20)	250 (17.2)			

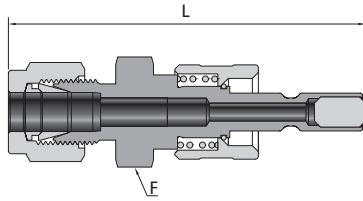
### -6 Series

Material	316 S.S.			Brass
O-Ring Material	Fluoro-carbon FKM	Ethylene propylene	Perfluoro-carbon FFKM	Buna N
Temperature °F (°C)	Pressure Rating psig (bar)			
Coupled				
-50 (-45)	—	1500 (103)	—	—
0 (-17)	—	1500 (103)	—	1000 (68.9)
10 (-12)	1500 (103)	1500 (103)	—	1000 (68.9)
60 (15)	1500 (103)	1500 (103)	1500 (103)	1000 (68.9)
100 (37)	1500 (103)	1500 (103)	1500 (103)	1000 (68.9)
150 (65)	1350 (93.0)	1350 (93.0)	1350 (93.0)	700 (48.2)
200 (93)	1150 (79.2)	1150 (79.2)	1150 (79.2)	450 (31.0)
250 (121)	970 (66.8)	970 (66.8)	970 (66.8)	300 (20.6)
300 (148)	750 (51.6)	750 (51.6)	750 (51.6)	—
350 (176)	580 (39.9)	—	580 (39.9)	—
400 (204)	400 (27.5)	—	400 (27.5)	—
500 (260)	—	—	150 (10.3)	—
Uncoupled and When Coupling and Uncoupling				
70 (20)	250 (17.2)			

### -8 Series

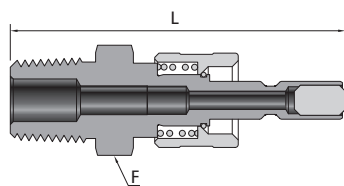
Material	316 S.S.			Brass
O-Ring Material	Fluoro-carbon FKM	Ethylene propylene	Perfluoro-carbon FFKM	Buna N
Temperature °F (°C)	Pressure Rating psig (bar)			
Coupled				
-50 (-45)	—	750 (51.6)	—	—
0 (-17)	—	750 (51.6)	—	500 (34.4)
10 (-12)	750 (51.6)	750 (51.6)	—	500 (34.4)
60 (15)	750 (51.6)	750 (51.6)	750 (51.6)	500 (34.4)
100 (37)	750 (51.6)	750 (51.6)	750 (51.6)	500 (34.4)
150 (65)	680 (46.8)	680 (46.8)	680 (46.8)	400 (27.5)
200 (93)	600 (41.3)	600 (41.3)	600 (41.3)	350 (24.1)
250 (121)	520 (35.8)	520 (35.8)	520 (35.8)	300 (20.6)
300 (148)	440 (30.3)	440 (30.3)	440 (30.3)	—
350 (176)	360 (24.8)	—	360 (24.8)	—
400 (204)	300 (20.6)	—	300 (20.6)	—
500 (260)	—	—	150 (10.3)	—
Uncoupled and When Coupling and Uncoupling				
70 (20)	250 (17.2)			

## Single-End Shutoff Stems (SESO)



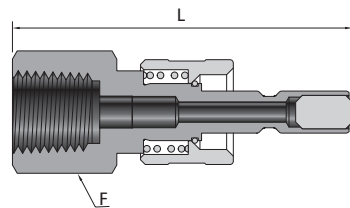
### Tube Fitting

Tube Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)
1/8	QC1-4-F2-S-	0.08	5/8	2.32 (58.9)
1/4	QC1-4-F4-S-	0.3	5/8	2.36 (59.9)
3/8	QC1-6-F6-S-	1.0	3/4	2.52 (64.0)
1/2	QC1-8-F8-S-	2.4	15/16	2.96 (75.2)
mm			mm	mm (in.)
6	QC1-4-M6-S-	0.3	16	59.9 (2.36)
10	QC1-6-M10-S-	1.0	19	67.3 (2.65)
12	QC1-8-M12-S-	2.4	24	75.2 (2.96)



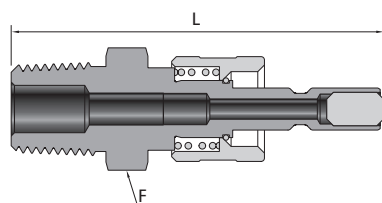
### Male NPT

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)
1/8	QC1-4-NPT2-S-	0.3	5/8	2.07 (52.6)
1/4	QC1-4-NPT4-S-	0.3	5/8	2.22 (56.4)
1/4	QC1-6-NPT4-S-	0.8	3/4	2.32 (58.9)
3/8	QC1-6-NPT6-S-	0.8	3/4	2.35 (59.7)
1/2	QC1-8-NPT8-S-	2.0	15/16	2.84 (72.1)



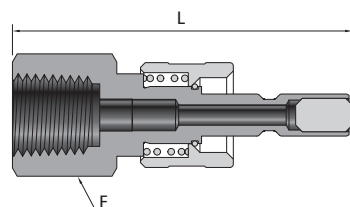
### Female NPT

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)
1/8	QC1-4-FNPT2-S-	0.3	5/8	2.01 (51.1)
1/4	QC1-4-FNPT4-S-	0.3	3/4	2.26 (57.4)
1/4	QC1-6-FNPT4-S-	0.8	3/4	2.35 (59.7)
3/8	QC1-6-FNPT6-S-	0.8	7/8	2.35 (59.7)
1/2	QC1-8-FNPT8-S-	2.0	1 1/16	2.82 (71.6)



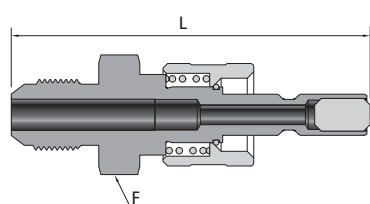
### Male BSPT

BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)
1/8	QC1-4-MBT2-S-	0.3	5/8	2.07 (52.6)
1/4	QC1-4-MBT4-S-	0.3	5/8	2.22 (56.4)
1/4	QC1-6-MBT4-S-	0.8	3/4	2.32 (58.9)
3/8	QC1-6-MBT6-S-	0.8	3/4	2.35 (59.7)
1/2	QC1-8-MBT8-S-	2.0	15/16	2.84 (72.1)



### Female BSPT

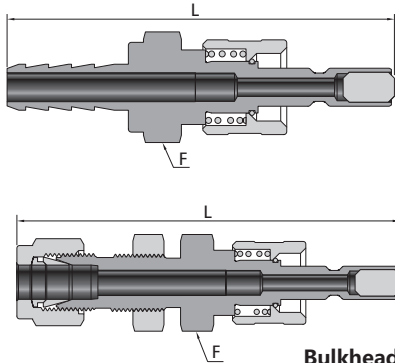
BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)
1/8	QC1-4-FBT2-S-	0.3	5/8	2.01 (51.1)
1/4	QC1-4-FBT4-S-	0.3	3/4	2.26 (57.4)
1/4	QC1-6-FBT4-S-	0.8	3/4	2.35 (59.7)
3/8	QC1-6-FBT6-S-	0.8	7/8	2.35 (59.7)
1/2	QC1-8-FBT8-S-	2.0	1 1/16	2.82 (71.6)



### Male JIC(AN) 37° Flare

AN Tube Flare Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)
1/4	QC1-4-AN4-S-	0.2	5/8	2.23 (56.6)
3/8	QC1-6-AN6-S-	1.0	3/4	2.35 (59.7)
1/2	QC1-8-AN8-S-	2.4	15/16	2.79 (70.9)

## Single-End Shutoff Stems (SESO)



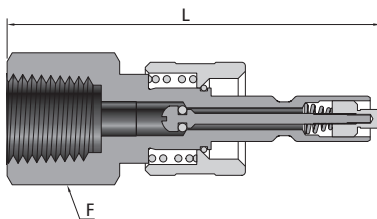
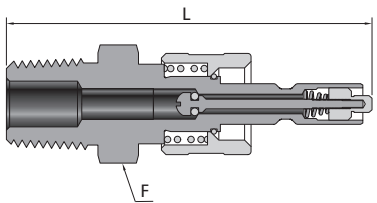
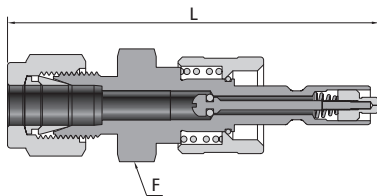
### Hose Connector

Hose Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/4	QC1-4-HC4-S-	0.2	5/8		2.47	(62.7)
3/8	QC1-6-HC6-S-	1.0	3/4		2.66	(67.6)
1/2	QC1-8-HC8-S-	2.4	15/16		3.07	(78.0)

### Bulkhead Tube Fitting

Tube Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F		L		Min. Panel Hole in. (mm)	Max. Panel Thickness in. (mm)	
			in.	in. (mm)	in.	in. (mm)			
1/4	QC1-4-BF4-S-	0.3	5/8	2.74	(69.6)	0.47	(11.9)	0.25	(6.4)
3/8	QC1-6-BF6-S-	1.0	3/4	2.92	(74.2)	0.60	(15.2)	0.27	(6.9)
1/2	QC1-8-BF8-S-	2.4	15/16	3.43	(87.1)	0.78	(19.8)	0.26	(6.6)
mm	—	—	mm	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)	mm (in.)
6	QC1-4-BM6-S-	0.3	16	69.6	(2.74)	11.7	(0.46)	6.4	(0.25)
10	QC1-6-BM10-S-	1.0	22	77.7	(3.06)	16.8	(0.66)	6.9	(0.27)
12	QC1-8-BM12-S-	2.4	24	87.1	(3.43)	19.6	(0.77)	6.6	(0.26)

## Double-End Shutoff Stems (DESO)



### Tube Fitting

Tube Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/8	QC1-4-F2-D-	0.08	5/8		2.77	(70.4)
1/4	QC1-4-F4-D-	0.2	5/8		2.42	(61.5)
3/8	QC1-6-F6-D-	0.5	3/4		2.64	(67.1)
1/2	QC1-8-F8-D-	1.5	15/16		3.16	(80.3)
mm	—	—	mm	mm (in.)	mm (in.)	mm (in.)
6	QC1-4-M6-D-	0.2	16		61.5	(2.42)
10	QC1-6-M10-D-	0.5	19		70.4	(2.77)
12	QC1-8-M12-D-	1.5	24		80.3	(3.16)

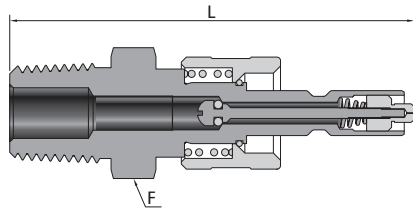
### Male NPT

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/8	QC1-4-NPT2-D-	0.2	5/8		2.13	(54.1)
1/4	QC1-4-NPT4-D-	0.2	5/8		2.28	(57.8)
1/4	QC1-6-NPT4-D-	0.5	3/4		2.44	(61.9)
3/8	QC1-6-NPT6-D-	0.5	3/4		2.47	(62.7)
1/2	QC1-8-NPT8-D-	1.3	15/16		3.04	(77.2)

### Female NPT

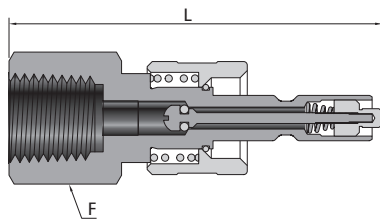
NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/8	QC1-4-FNPT2-D-	0.2	5/8		2.07	(52.6)
1/4	QC1-4-FNPT4-D-	0.2	3/4		2.32	(58.9)
1/4	QC1-6-FNPT4-D-	0.5	3/4		2.47	(62.7)
3/8	QC1-6-FNPT6-D-	0.5	7/8		2.47	(62.7)
1/2	QC1-8-FNPT8-D-	1.3	1 1/16		3.04	(77.2)

## Double-End Shutoff Stems (DESO)



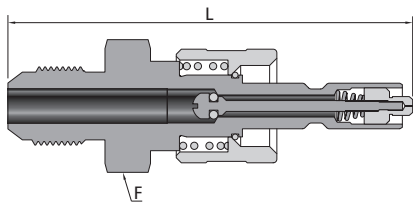
### Male BSPT

BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/8	QC1-4-MBT2-D-	0.2	5/8		2.13 (54.1)	
1/4	QC1-4-MBT4-D-	0.2	5/8		2.28 (57.8)	
1/4	QC1-6-MBT4-D-	0.5	3/4		2.44 (61.9)	
3/8	QC1-6-MBT6-D-	0.5	3/4		2.47 (62.7)	
1/2	QC1-8-MBT8-D-	1.3	15/16		3.04 (77.2)	



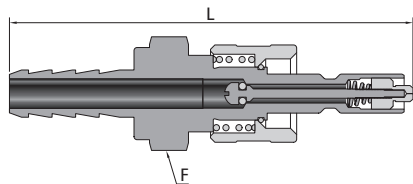
### Female BSPT

BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/8	QC1-4-FBT2-D-	0.2	5/8		2.07 (52.6)	
1/4	QC1-4-FBT4-D-	0.2	3/4		2.32 (58.9)	
1/4	QC1-6-FBT4-D-	0.5	3/4		2.47 (62.7)	
3/8	QC1-6-FBT6-D-	0.5	7/8		2.47 (62.7)	
1/2	QC1-8-FBT8-D-	1.3	1 1/16		3.04 (77.2)	



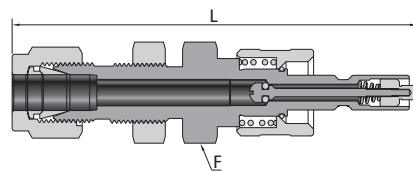
### Male JIC(AN) 37° Flare

AN Tube Flare Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/4	QC1-4-AN4-D-	0.2	5/8		2.29 (58.2)	
3/8	QC1-6-AN6-D-	0.5	3/4		2.47 (62.7)	
1/2	QC1-8-AN8-D-	1.5	15/16		2.99 (75.9)	



### Hose Connector

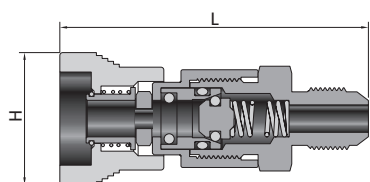
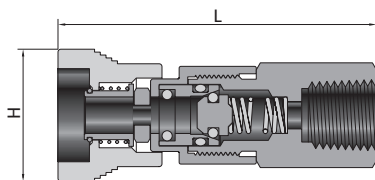
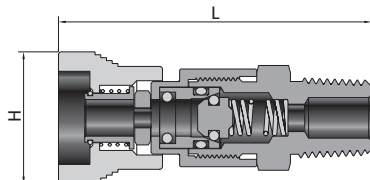
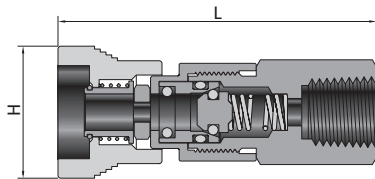
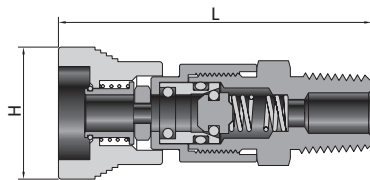
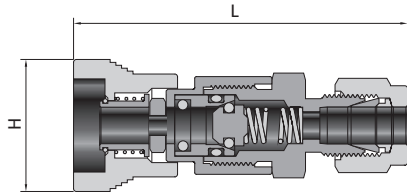
Hose Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F		L	
			in.	in. (mm)	in.	in. (mm)
1/4	QC1-4-HC4-D-	0.2	5/8		2.53 (64.3)	
3/8	QC1-6-HC6-D-	0.5	3/4		2.78 (70.6)	
1/2	QC1-8-HC8-D-	1.5	15/16		3.27 (83.1)	



### Bulkhead Tube Fitting

Tube Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F		Min. Panel Hole in. (mm)	Max. Panel Thickness in. (mm)
			in.	in. (mm)		
1/4	QC1-4-BF4-D-	0.2	5/8	2.80 (71.1)	0.47 (11.9)	0.25 (6.4)
3/8	QC1-6-BF6-D-	0.5	3/4	3.07 (78.0)	0.60 (15.2)	0.27 (6.9)
1/2	QC1-8-BF8-D-	1.5	15/16	3.63 (92.2)	0.78 (19.8)	0.26 (6.6)
mm	—	—	mm	mm (in.)	mm (in.)	mm (in.)
6	QC1-4-BM6-D-	0.2	16	71.1 (2.80)	11.7 (0.46)	6.4 (0.25)
10	QC1-6-BM10-D-	0.5	22	78.7 (3.10)	16.8 (0.66)	6.9 (0.27)
12	QC1-8-BM12-D-	1.5	24	92.2 (3.63)	19.6 (0.77)	6.6 (0.26)

## Bodies



### Tube Fitting

Tube Size	Basic Ordering Number	H	L
in.		in. (mm)	in. (mm)
1/8	QC1-4-F2-B-	0.91 (23.1)	2.26 (57.4)
1/4	QC1-4-F4-B-	0.91 (23.1)	2.30 (58.4)
3/8	QC1-6-F6-B-	1.03 (26.2)	2.58 (65.5)
1/2	QC1-8-F8-B-	1.21 (30.7)	3.09 (78.5)
mm	—	mm (in.)	mm (in.)
6	QC1-4-M6-B-	23.1 (0.91)	58.4 (2.30)
10	QC1-6-M10-B-	26.2 (1.03)	68.1 (2.68)
12	QC1-8-M12-B-	30.7 (1.21)	78.5 (3.09)

### Male NPT

NPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	QC1-4-NPT2-B-	0.91 (23.1)	2.01 (51.1)
1/4	QC1-4-NPT4-B-	0.91 (23.1)	2.16 (54.9)
1/4	QC1-6-NPT4-B-	1.03 (26.2)	2.38 (60.5)
3/8	QC1-6-NPT6-B-	1.03 (26.2)	2.38 (60.5)
1/2	QC1-8-NPT8-B-	1.21 (30.7)	2.97 (75.4)

### Female NPT

NPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	QC1-4-FNPT2-B-	0.91 (23.1)	2.16 (54.9)
1/4	QC1-4-FNPT4-B-	0.91 (23.1)	2.42 (61.5)
1/4	QC1-6-FNPT4-B-	1.03 (26.2)	2.54 (65.4)
3/8	QC1-6-FNPT6-B-	1.03 (26.2)	2.57 (65.3)
1/2	QC1-8-FNPT8-B-	1.21 (30.7)	3.22 (81.8)

### Male BSPT

BSPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	QC1-4-MBT2-B-	0.91 (23.1)	2.01 (51.1)
1/4	QC1-4-MBT4-B-	0.91 (23.1)	2.16 (54.9)
1/4	QC1-6-MBT4-B-	1.03 (26.2)	2.38 (60.5)
3/8	QC1-6-MBT6-B-	1.03 (26.2)	2.38 (60.5)
1/2	QC1-8-MBT8-B-	1.21 (30.7)	2.97 (75.4)

### Female BSPT

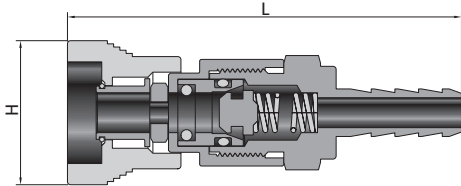
BSPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	QC1-4-FBT2-B-	0.91 (23.1)	2.16 (54.9)
1/4	QC1-4-FBT4-B-	0.91 (23.1)	2.42 (61.5)
1/4	QC1-6-FBT4-B-	1.03 (26.2)	2.54 (65.4)
3/8	QC1-6-FBT6-B-	1.03 (26.2)	2.57 (65.3)
1/2	QC1-8-FBT8-B-	1.21 (30.7)	3.22 (81.8)

### Male JIC (AN) 37° Flare

AN Tube Flare Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/4	QC1-4-AN4-B-	0.91 (23.1)	2.17 (55.1)
3/8	QC1-6-AN6-B-	1.03 (26.2)	2.41 (61.2)
1/2	QC1-8-AN8-B-	1.21 (30.7)	2.92 (74.2)

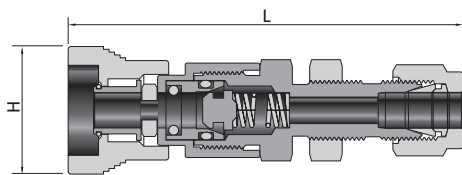
## Bodies

### Hose Connector



Hose Size	Basic Ordering Number	Flow Coefficient (Cv)	H	L
in.			in. (mm)	in. (mm)
1/4	QC1-4-HC4-B-	0.3	0.91 (23.1)	2.41 (61.2)
3/8	QC1-6-HC6-B-	1.5	1.03 (26.2)	2.72 (69.1)
1/2	QC1-8-HC8-B-	3.3	1.21 (30.7)	3.20 (81.3)

### Bulkhead Tube Fitting



Tube Size	Basic Ordering Number	Flow Coefficient (Cv)	H	L	Min. Panel Hole	Max. Panel Thickness
in.			in. (mm)	in. (mm)	in. (mm)	in. (mm)
1/4	QC1-4-BF4-B-	0.4	0.91 (23.1)	2.67 (67.8)	0.47 (11.9)	0.25 (6.4)
3/8	QC1-6-BF6-B-	1.5	1.03 (26.2)	2.98 (75.7)	0.60 (15.2)	0.27 (6.9)
1/2	QC1-8-BF8-B-	3.3	1.21 (30.7)	3.56 (90.4)	0.78 (19.8)	0.26 (6.6)
mm			mm (in.)	mm (in.)	mm (in.)	mm (in.)
6	QC1-4-BM6-B-	0.4	23.1 (0.91)	67.8 (2.67)	11.7 (0.46)	6.4 (0.25)
10	QC1-6-BM10-B-	1.5	26.2 (1.03)	75.9 (2.99)	16.8 (0.66)	6.9 (0.27)
12	QC1-8-BM12-B-	3.3	30.7 (1.21)	90.4 (3.56)	19.6 (0.77)	6.6 (0.26)

## Keyed QC1 Series

❖ CIR-LOK keyed quick-connects provide a positive mechanical lockout system to prevent accidental intermixing of different lines in multifluid or multipressure systems.

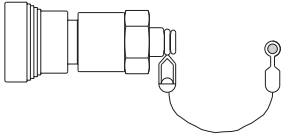
### QC1 Series Key Numbers and Sleeve Outside Diameters

Key Number and Color	QC4		QC6		QC8	
	Body Sleeve	Stem Sleeve	Body Sleeve	Stem Sleeve	Body Sleeve	Stem Sleeve
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
K1 black	0.96 (24.4)	0.82 (20.8)	1.13 (28.7)	0.99 (25.1)	1.26 (32.0)	1.10 (27.9)
K2 orange	0.99 (25.1)	0.85 (21.6)	1.16 (29.5)	1.02 (25.9)	1.29 (32.8)	1.14 (29.0)
K3 green	1.02 (25.9)	0.88 (22.4)	1.19 (30.2)	1.05 (26.7)	1.32 (33.5)	1.17 (29.7)
K4 yellow	1.05 (26.7)	0.91 (23.1)	1.22 (31.0)	1.08 (27.4)	1.35 (34.3)	1.20 (30.5)
K5 blue	1.08 (27.4)	0.94 (23.9)	1.24 (31.5)	1.11 (28.2)	1.38 (35.1)	1.23 (31.2)
K6 white	1.11 (28.2)	0.97 (24.6)	1.28 (32.5)	1.14 (29.0)	1.41 (35.8)	1.26 (32.0)
K7 purple	1.14 (29.0)	1.00 (25.4)	1.31 (33.3)	1.17 (29.7)	1.44 (36.6)	1.29 (32.8)
K8 brown	1.17 (29.7)	1.03 (26.2)	1.34 (34.0)	1.20 (30.5)	1.47 (37.3)	1.32 (33.5)

❖ To order a Keyed QC1 Series, add key number (K1 to K8) as a prefix to the basic ordering number  
Example: QC1-4-F4-316-K2

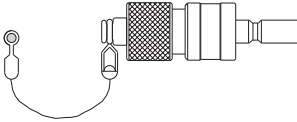


### Stem Protector



Series	Basic Ordering Number
-4	QC1-4-SP-
-6	QC1-6-SP-
-8	QC1-8-SP-

### Body Protector



Series	Basic Ordering Number
-4	QC1-4-BP-
-6	QC1-6-BP-
-8	QC1-8-BP-

- ❖ To order a protector, add material designator (316 or Brass ) as a prefix to the basic ordering number  
Example: QC1-4-SP-316
- ❖ To order a keyed protector, add material designator (316 or Brass ) as a prefix and key designator from the table below as a suffix to the ordering number  
Example: QC1-4-BP-316-K1

## How to Order

**QC1 — 6 — M10 — BD — 316**

Series	Size	End Connection Type	End Connection Size	Stem or Body	Body Material	
QC1	4	<b>FNPT</b> Female NPT	4 1/4 in.	<b>S</b> Stem without valve remains open when uncoupled <b>D</b> Stem with valve shuts off when uncoupled <b>B</b> Body with valve <b>BS</b> Stem without valve + Body with valve <b>BD</b> Stem with valve + Body with valve	<b>316</b> 316 S.S.	
		<b>NPT</b> Male NPT	6 3/8 in. or 6 mm			<b>316L</b> 316L S.S.
		<b>FBT</b> Female BSPT	8 1/2 in. or 8 mm			<b>304</b> 304 S.S.
	6	<b>MBT</b> Male BSPT	10 5/8 in. or 10 mm		<b>304L</b> 304L S.S.	
		<b>MS</b> Male ISO 261	12 3/4 in. or 12 mm		<b>BR</b> Brass	
	8	<b>F</b> Fractional Tube Fitting	14 M14 x 1.5			
		<b>M</b> Metric Tube Fitting	16 1 in. or 16 mm			
		<b>FT</b> Fractional Tube Adapter	18 M18 x 1.5			
		<b>MT</b> Metric Tube Adapter	20 M20 x 1.5			