

Part Number Description

SS – QC4 – FL4 – S – K1

Material		Series		End Connection Type		End Connection Size		Stem or Body		Key Number and Color	
SS	316SS	QC4	1/4" (6.4 mm)	FNS	Female NPT	4	1/4"	S	Stem without valve remains open when uncoupled		Without Key
B	Brass	QC6	3/8" (9.5 mm)	NS	Male NPT	6	3/8" or 6 mm	D	Stem with valve shuts off when uncoupled	K1	Black
S4	304SS	QC8	1/2" (12.7 mm)	FRT	Female BSPT	8	1/2" or 8 mm	B	Body with valve shuts off when uncoupled	K2	Orange
CS	Carbon Steel			RT	Male BSPT	10	5/8" or 10 mm	BF	Full-flow body	K3	Green
904L	904L SS			FMS	Female Metric Thread (for RG gasket)	12	3/4" or 12 mm			K4	Yellow
				MS	Male Metric Thread (for RG gasket)	14	M14 x 1.5			K5	Blue
				FL	Fractional Tube Fitting	16	1" or 16 mm			K6	White
				ML	Metric Tube Fitting	18	M18 x 1.5			K7	Purple
				BFL	Fractional Bulkhead Tube Fitting	20	M20 x 1.5			K8	Brown
				BML	Metric Bulkhead Tube Fitting						
				FT	Fractional Tube Adapter						
				MT	Metric Tube Adapter						
				AN	Male JIC 37° Flare						

Note: "Part Number Description" is used for composition rules of FITOK product model, Not suitable for specific product part number selection, not random combinations. If in doubt, please contact FITOK company or authorized agents.

1. Sizes and types listed are standard. Other sizes and types are available on request.
2. Dimensions are for reference only and are subject to change.



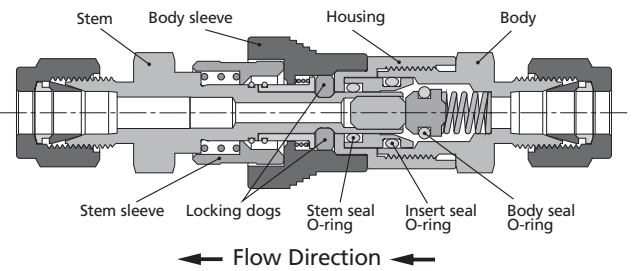
QC Series

Features

- Maximum working pressure: 3000 psig (207 bar)
- Working temperatures:
 - 10°F to 400°F (-23°C to 204°C) with Fluorocarbon FKM seal
 - 10°F to 250°F (-23°C to 121°C) with Buna N seal
- Materials: Stainless steel or brass
- Reliable, leak-tight O-ring seal for vacuum or pressure systems.
- Interchangeable with other manufacturers' products.
- Single-end shutoff, double-end shutoff, and full-flow available.
- Simple push-to-connect coupling for quick and easy operation.
- Sturdy locking mechanism with large contact area to ensure reliable stem retention.

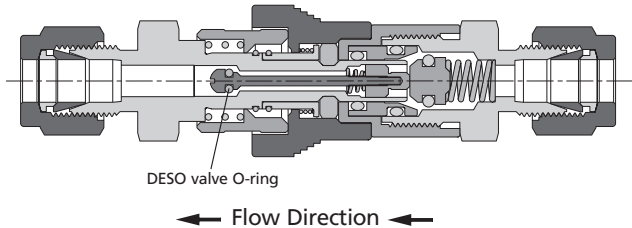
Single-end Shutoff (SES0)

SES0 stem + body



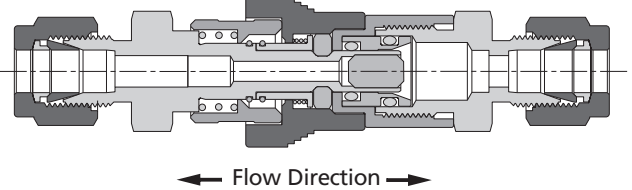
Double-end Shutoff (DES0)

DES0 stem + body



Full-flow Quick-connects

SES0 stem + full-flow body



Cautions:

- Do not uncouple single-end shutoff quick-connects under pressure.
- Do not insert foreign object into uncoupled stems and bodies.
- Re-lubricate stem seal O-ring periodically.

Standard Materials of Construction

Component	Material	
	316 SS	Brass
Body, housing, stem, body valve, body insert, DESO valve, DESO retainer	316 SS	Brass C36000
SES0 stem insert		Brass C26000
O-rings	Fluorocarbon FKM	Buna N
Springs	316 SS	
Snap rings	316 SS	
Body sleeve	Powdered metal 300 series SS	Brass C36000
DESO stem sleeve	Polyurethane enamelcoated 316 SS	Polyurethane enamelcoated brass C36000
SES0 stem sleeve	316 SS	Brass C36000
Locking dogs	Xylan®-coated 316 SS powdered metal	
Lubricants	Silicone - and PTFE-based	

Pressure-Temperature Ratings

Temperature °F (°C)	Stainless Steel with FKM O-ring			Brass with Buna N O-ring		
	QC4	QC6	QC8	QC4	QC6	QC8
	pressure rating, psig (bar)					
-10~70 (-23~20)	3000 (206)	1500 (103)	750 (51.6)	2000 (137)	1000 (68.9)	500 (34.4)
250 (121)	—			250 (17.2)		
400 (204)	250 (17.2)			—		

Insertion Depth and Maximum Flow Rate

Series	Insertion Depth		Max. Flow Rate at 70°F (20°C)	
	SES0	DES0		
	in. (mm)	in. (mm)	U.S. gal/min	L/min
QC4	1.09 (27.7)	1.15 (29.2)	4.0	15.0
QC6	1.18 (30.0)	1.30 (33.0)	6.0	22.0
QC8	1.48 (37.6)	1.68 (42.7)	10.0	37.0

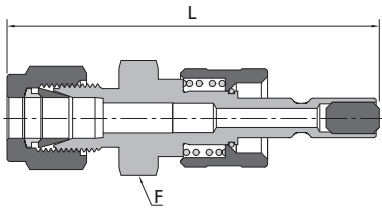
In order to measure overall length in the coupled position, the insertion depth should be deducted from any overall stem and body combination length.



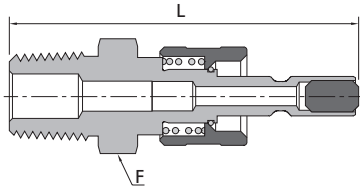
Dimensions

SESO Stems

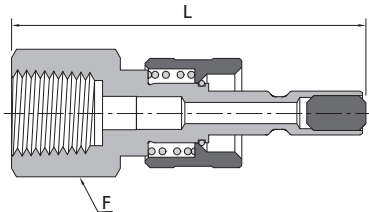
Tube Fitting



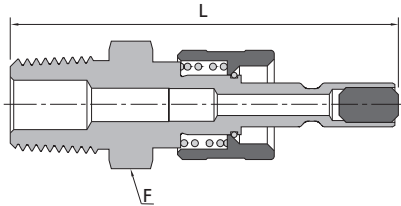
Male NPT



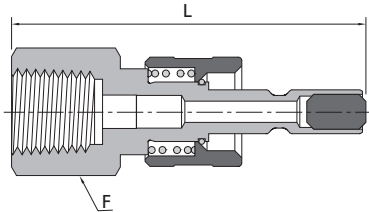
Female NPT



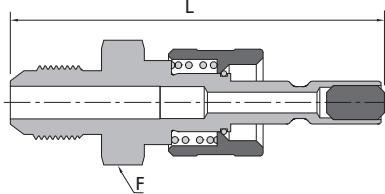
Male BSPT



Female BSPT



Male JIC(AN) 37° Flare



Tube Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
in.			in.	in. (mm)
1/8	-QC4-FL2-S	0.08	5/8	2.32 (58.9)
1/4	-QC4-FL4-S	0.3	5/8	2.36 (59.9)
3/8	-QC6-FL6-S	1.0	3/4	2.52 (64.0)
1/2	-QC8-FL8-S	2.4	15/16	2.96 (75.2)
mm			mm	mm (in.)
6	-QC4-ML6-S	0.3	16	59.9 (2.36)
10	-QC6-ML10-S	1.0	19	67.3 (2.65)
12	-QC8-ML12-S	2.4	24	75.2 (2.96)

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-NS2-S	0.3	5/8	2.07 (52.6)
1/4	-QC4-NS4-S	0.3	5/8	2.22 (56.4)
1/4	-QC6-NS4-S	0.8	3/4	2.32 (58.9)
3/8	-QC6-NS6-S	0.8	3/4	2.35 (59.7)
1/2	-QC8-NS8-S	2.0	15/16	2.84 (72.1)

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-FNS2-S	0.3	5/8	2.01 (51.1)
1/4	-QC4-FNS4-S	0.3	3/4	2.26 (57.4)
1/4	-QC6-FNS4-S	0.8	3/4	2.35 (59.7)
3/8	-QC6-FNS6-S	0.8	7/8	2.35 (59.7)
1/2	-QC8-FNS8-S	2.0	1 1/16	2.82 (71.6)

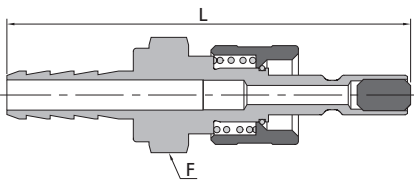
BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-RT2-S	0.3	5/8	2.07 (52.6)
1/4	-QC4-RT4-S	0.3	5/8	2.22 (56.4)
1/4	-QC6-RT4-S	0.8	3/4	2.32 (58.9)
3/8	-QC6-RT6-S	0.8	3/4	2.35 (59.7)
1/2	-QC8-RT8-S	2.0	15/16	2.84 (72.1)

BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-FRT2-S	0.3	5/8	2.01 (51.1)
1/4	-QC4-FRT4-S	0.3	3/4	2.26 (57.4)
1/4	-QC6-FRT4-S	0.8	3/4	2.35 (59.7)
3/8	-QC6-FRT6-S	0.8	7/8	2.35 (59.7)
1/2	-QC8-FRT8-S	2.0	1 1/16	2.82 (71.6)

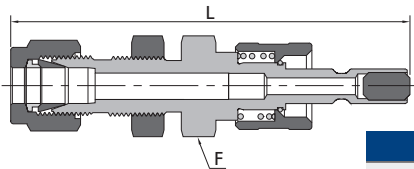
AN Tube Flare Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
in.			in.	in. (mm)
1/4	-QC4-AN4-S	0.2	5/8	2.23 (56.6)
3/8	-QC6-AN6-S	1.0	3/4	2.35 (59.7)
1/2	-QC8-AN8-S	2.4	15/16	2.79 (70.9)

SESO Stems

Hose Connector



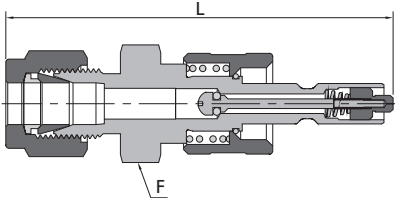
Bulkhead Tube Fitting



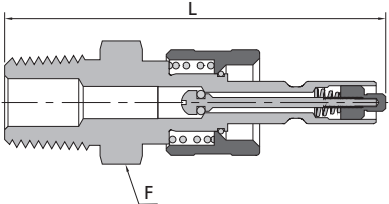
Tube Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L	Min. Panel Hole	Max. Panel Thickness
in.			in.	in. (mm)	in. (mm)	in. (mm)
1/4	-QC4-BFL4-S	0.3	5/8	2.74 (69.6)	0.47 (11.9)	0.25 (6.4)
3/8	-QC6-BFL6-S	1.0	3/4	2.92 (74.2)	0.60 (15.2)	0.27 (6.9)
1/2	-QC8-BFL8-S	2.4	15/16	3.43 (87.1)	0.78 (19.8)	0.26 (6.6)
mm			mm	mm (in.)	mm (in.)	mm (in.)
6	-QC4-BML6-S	0.3	16	69.6 (2.74)	11.7 (0.46)	6.4 (0.25)
10	-QC6-BML10-S	1.0	22	77.7 (3.06)	16.8 (0.66)	6.9 (0.27)
12	-QC8-BML12-S	2.4	24	87.1 (3.43)	19.6 (0.77)	6.6 (0.26)

DESO Stems

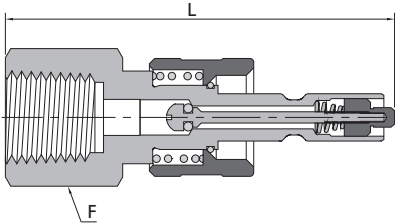
Tube Fitting



Male NPT



Female NPT



Hose Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
in.			in.	in. (mm)
1/4	-QC4-HC4-S	0.2	5/8	2.47 (62.7)
3/8	-QC6-HC6-S	1.0	3/4	2.66 (67.6)
1/2	-QC8-HC8-S	2.4	15/16	3.07 (78.0)

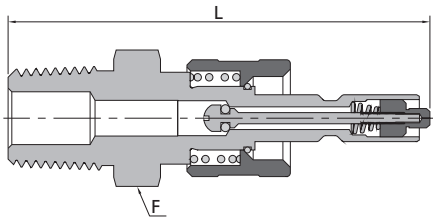
Tube Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
in.			in.	in. (mm)
1/8	-QC4-FL2-D	0.08	5/8	2.77 (70.4)
1/4	-QC4-FL4-D	0.2	5/8	2.42 (61.5)
3/8	-QC6-FL6-D	0.5	3/4	2.64 (67.1)
1/2	-QC8-FL8-D	1.5	15/16	3.16 (80.3)
mm			mm	mm (in.)
6	-QC4-ML6-D	0.2	16	61.5 (2.42)
10	-QC6-ML10-D	0.5	19	70.4 (2.77)
12	-QC8-ML12-D	1.5	24	80.3 (3.16)

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in.(mm)
1/8	-QC4-NS2-D	0.2	5/8	2.13 (54.1)
1/4	-QC4-NS4-D	0.2	5/8	2.28 (57.8)
1/4	-QC6-NS4-D	0.5	3/4	2.44 (61.9)
3/8	-QC6-NS6-D	0.5	3/4	2.47 (62.7)
1/2	-QC8-NS8-D	1.3	15/16	3.04 (77.2)

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-FNS2-D	0.2	5/8	2.07 (52.6)
1/4	-QC4-FNS4-D	0.2	3/4	2.32 (58.9)
1/4	-QC6-FNS4-D	0.5	3/4	2.47 (62.7)
3/8	-QC6-FNS6-D	0.5	7/8	2.47 (62.7)
1/2	-QC8-FNS8-D	1.3	1 1/16	3.04 (77.2)

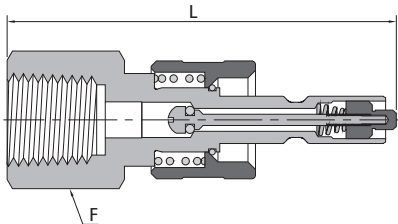
DESO Stems

Male BSPT



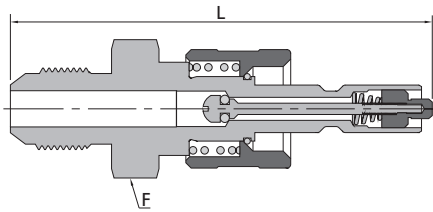
BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-RT2-D	0.2	5/8	2.13 (54.1)
1/4	-QC4-RT4-D	0.2	5/8	2.28 (57.8)
1/4	-QC6-RT4-D	0.5	3/4	2.44 (61.9)
3/8	-QC6-RT6-D	0.5	3/4	2.47 (62.7)
1/2	-QC8-RT8-D	1.3	15/16	3.04 (77.2)

Female BSPT



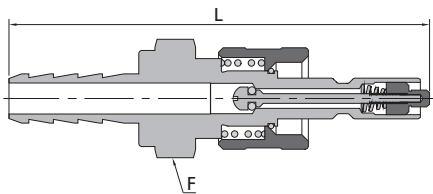
BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/8	-QC4-FRT2-D	0.2	5/8	2.07 (52.6)
1/4	-QC4-FRT4-D	0.2	3/4	2.32 (58.9)
1/4	-QC6-FRT4-D	0.5	3/4	2.47 (62.7)
3/8	-QC6-FRT6-D	0.5	7/8	2.47 (62.7)
1/2	-QC8-FRT8-D	1.3	1 1/16	3.04 (77.2)

Male JIC(AN) 37° Flare



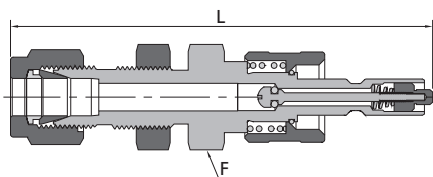
AN Tube Flare Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/4	-QC4-AN4-D	0.2	5/8	2.29 (58.2)
3/8	-QC6-AN6-D	0.5	3/4	2.47 (62.7)
1/2	-QC8-AN8-D	1.5	15/16	2.99 (75.9)

Hose Connector



Hose Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F	L
			in.	in. (mm)
1/4	-QC4-HC4-D	0.2	5/8	2.53 (64.3)
3/8	-QC6-HC6-D	0.5	3/4	2.78 (70.6)
1/2	-QC8-HC8-D	1.5	15/16	3.27 (83.1)

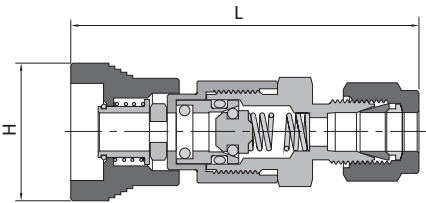
Bulkhead Tube Fitting



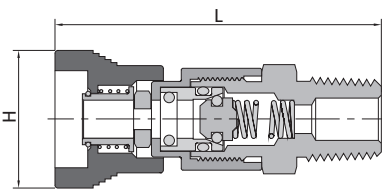
Tube Size in.	Basic Ordering Number	Flow Coefficient (Cv)	F in.	L in. (mm)	Min. Panel Hole in. (mm)	Max. Panel Thickness in. (mm)
1/4	-QC4-BFL4-D	0.2	5/8	2.80 (71.1)	0.47 (11.9)	0.25 (6.4)
3/8	-QC6-BFL6-D	0.5	3/4	3.07 (78.0)	0.60 (15.2)	0.27 (6.9)
1/2	-QC8-BFL8-D	1.5	15/16	3.63 (92.2)	0.78 (19.8)	0.26 (6.6)
mm			mm	mm (in.)	mm (in.)	mm (in.)
6	-QC4-BML6-D	0.2	16	71.1 (2.80)	11.7 (0.46)	6.4 (0.25)
10	-QC6-BML10-D	0.5	22	78.7 (3.10)	16.8 (0.66)	6.9 (0.27)
12	-QC8-BML12-D	1.5	24	92.2 (3.63)	19.6 (0.77)	6.6 (0.26)

Bodies

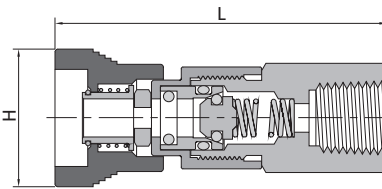
Tube Fitting



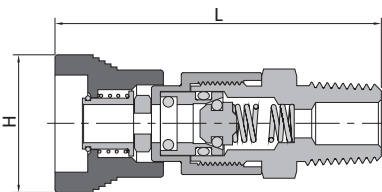
Male NPT



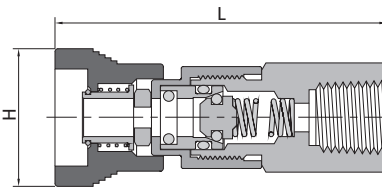
Female NPT



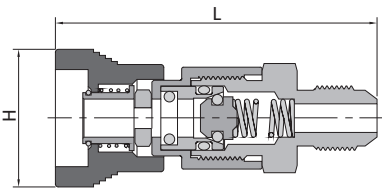
Male BSPT



Female BSPT



Male JIC (AN) 37° Flare



Tube Size in.	Basic Ordering Number	H in. (mm)	L in. (mm)
1/8	-QC4-FL2-B	0.91 (23.1)	2.26 (57.4)
1/4	-QC4-FL4-B	0.91 (23.1)	2.30 (58.4)
3/8	-QC6-FL6-B	1.03 (26.2)	2.58 (65.5)
1/2	-QC8-FL8-B	1.21 (30.7)	3.09 (78.5)
mm		mm (in.)	mm (in.)
6	-QC4-ML6-B	23.1 (0.91)	58.4 (2.30)
10	-QC6-ML10-B	26.2 (1.03)	68.1 (2.68)
12	-QC8-ML12-B	30.7 (1.21)	78.5 (3.09)

NPT Size	Basic Ordering Number	H in. (mm)	L in. (mm)
1/8	-QC4-NS2-B	0.91 (23.1)	2.01 (51.1)
1/4	-QC4-NS4-B	0.91 (23.1)	2.16 (54.9)
1/4	-QC6-NS4-B	1.03 (26.2)	2.38 (60.5)
3/8	-QC6-NS6-B	1.03 (26.2)	2.38 (60.5)
1/2	-QC8-NS8-B	1.21 (30.7)	2.97 (75.4)

NPT Size	Basic Ordering Number	H in. (mm)	L in. (mm)
1/8	-QC4-FNS2-B	0.91 (23.1)	2.16 (54.9)
1/4	-QC4-FNS4-B	0.91 (23.1)	2.42 (61.5)
1/4	-QC6-FNS4-B	1.03 (26.2)	2.54 (64.5)
3/8	-QC6-FNS6-B	1.03 (26.2)	2.57 (65.3)
1/2	-QC8-FNS8-B	1.21 (30.7)	3.22 (81.8)

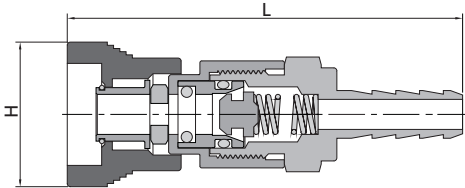
BSPT Size	Basic Ordering Number	H in. (mm)	L in. (mm)
1/8	-QC4-RT2-B	0.91 (23.1)	2.01 (51.1)
1/4	-QC4-RT4-B	0.91 (23.1)	2.16 (54.9)
1/4	-QC6-RT4-B	1.03 (26.2)	2.38 (60.5)
3/8	-QC6-RT6-B	1.03 (26.2)	2.38 (60.5)
1/2	-QC8-RT8-B	1.21 (30.7)	2.97 (75.4)

BSPT Size	Basic Ordering Number	H in. (mm)	L in. (mm)
1/8	-QC4-FRT2-B	0.91 (23.1)	2.16 (54.9)
1/4	-QC4-FRT4-B	0.91 (23.1)	2.42 (61.5)
1/4	-QC6-FRT4-B	1.03 (26.2)	2.54 (64.5)
3/8	-QC6-FRT6-B	1.03 (26.2)	2.57 (65.3)
1/2	-QC8-FRT8-B	1.21 (30.7)	3.22 (81.8)

AN Tube Flare Size in.	Basic Ordering Number	H in. (mm)	L in. (mm)
1/4	-QC4-AN4-B	0.91 (23.1)	2.17 (55.1)
3/8	-QC6-AN6-B	1.03 (26.2)	2.41 (61.2)
1/2	-QC8-AN8-B	1.21 (30.7)	2.92 (74.2)

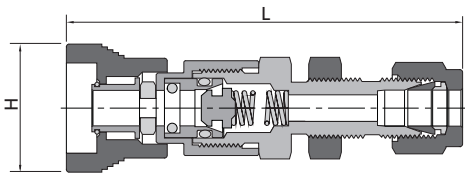
Bodies

Hose Connector



Hose Size	Basic Ordering Number	H	L
in.		in. (mm)	in. (mm)
1/4	-QC4-HC4-B	0.91 (23.1)	2.41 (61.2)
3/8	-QC6-HC6-B	1.03 (26.2)	2.72 (69.1)
1/2	-QC8-HC8-B	1.21 (30.7)	3.20 (81.3)

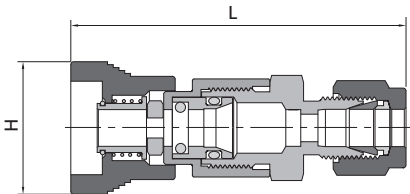
Bulkhead Tube Fitting



Tube Size	Basic Ordering Number	H	L	Min. Panel Hole	Max. Panel Thickness
in.		in. (mm)	in. (mm)	in. (mm)	in. (mm)
1/4	-QC4-BFL4-B	0.91 (23.1)	2.67 (67.8)	0.47 (11.9)	0.25 (6.4)
3/8	-QC6-BFL6-B	1.03 (26.2)	2.98 (75.7)	0.60 (15.2)	0.27 (6.9)
1/2	-QC8-BFL8-B	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	-QC4-BML6-B	23.1 (0.91)	67.8 (2.67)	11.7 (0.46)	6.4 (0.25)
10	-QC6-BML10-B	26.2 (1.03)	75.9 (2.99)	16.8 (0.66)	6.9 (0.27)
12	-QC8-BML12-B	30.7 (1.21)	90.4 (3.56)	19.6 (0.77)	6.6 (0.26)

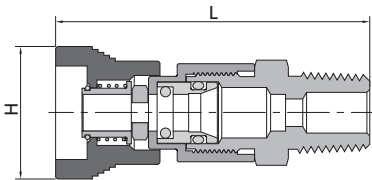
Full-flow bodies

Tube Fitting



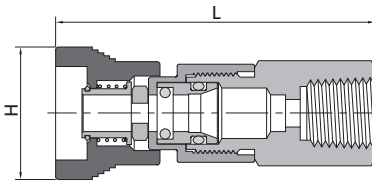
Tube Size	Basic Ordering Number	H	L
in.		in. (mm)	in. (mm)
1/8	-QC4-FL2-BF	0.91 (23.1)	2.26 (57.4)
1/4	-QC4-FL4-BF	0.91 (23.1)	2.30 (58.4)
3/8	-QC6-FL6-BF	1.03 (26.2)	2.58 (65.5)
1/2	-QC8-FL8-BF	1.21 (30.7)	3.09 (78.5)
mm	—	mm (in.)	mm (in.)
6	-QC4-ML6-BF	23.1 (0.91)	58.4 (2.30)
10	-QC6-ML10-BF	26.2 (1.03)	68.1 (2.68)
12	-QC8-ML12-BF	30.7 (1.21)	78.5 (3.09)

Male NPT



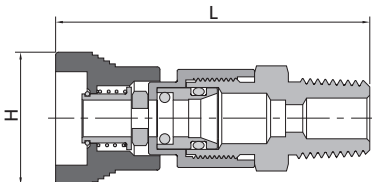
NPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	-QC4-NS2-BF	0.91 (23.1)	2.01 (51.1)
1/4	-QC4-NS4-BF	0.91 (23.1)	2.16 (54.9)
1/4	-QC6-NS4-BF	1.03 (26.2)	2.38 (60.5)
3/8	-QC6-NS6-BF	1.03 (26.2)	2.38 (60.5)
1/2	-QC8-NS8-BF	1.21 (30.7)	2.97 (75.4)

Female NPT



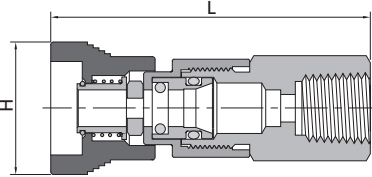
NPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	-QC4-FNS2-BF	0.91 (23.1)	2.16 (54.9)
1/4	-QC4-FNS4-BF	0.91 (23.1)	2.42 (61.5)
1/4	-QC6-FNS4-BF	1.03 (26.2)	2.54 (65.4)
3/8	-QC6-FNS6-BF	1.03 (26.2)	2.57 (65.3)
1/2	-QC8-FNS8-BF	1.21 (30.7)	3.22 (81.8)

Male BSPT

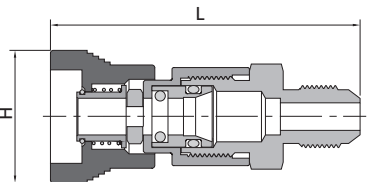


BSPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	-QC4-RT2-BF	0.91 (23.1)	2.01 (51.1)
1/4	-QC4-RT4-BF	0.91 (23.1)	2.16 (54.9)
1/4	-QC6-RT4-BF	1.03 (26.2)	2.38 (60.5)
3/8	-QC6-RT6-BF	1.03 (26.2)	2.38 (60.5)
1/2	-QC8-RT8-BF	1.21 (30.7)	2.97 (75.4)

Female BSPT



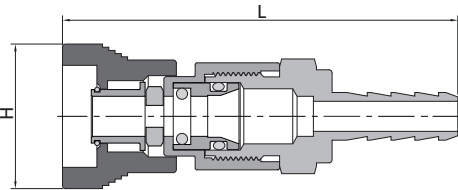
Male JIC (AN) 37° Flare



BSPT Size	Basic Ordering Number	H	L
		in. (mm)	in. (mm)
1/8	-QC4-FRT2-BF	0.91 (23.1)	2.16 (54.9)
1/4	-QC4-FRT4-BF	0.91 (23.1)	2.42 (61.5)
1/4	-QC6-FRT4-BF	1.03 (26.2)	2.54 (64.5)
3/8	-QC6-FRT6-BF	1.03 (26.2)	2.57 (65.3)
1/2	-QC8-FRT8-BF	1.21 (30.7)	3.22 (81.8)

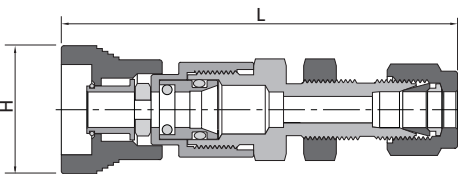
AN Tube Flare Size	Basic Ordering Number	H	L
in.		in. (mm)	in. (mm)
1/4	-QC4-AN4-BF	0.91 (23.1)	2.17 (55.1)
3/8	-QC6-AN6-BF	1.03 (26.2)	2.41 (61.2)
1/2	-QC8-AN8-BF	1.21 (30.7)	2.92 (74.2)

Hose Connector



Hose Size	Basic Ordering Number	H	L
in.		in. (mm)	in. (mm)
1/4	-QC4-HC4-BF	0.91 (23.1)	2.41 (61.2)
3/8	-QC6-HC6-BF	1.03 (26.2)	2.72 (69.1)
1/2	-QC8-HC8-BF	1.21 (30.7)	3.20 (81.3)

Bulkhead Tube Fitting



Tube Size	Basic Ordering Number	H	L	Min. Panel Hole	Max. Panel Thickness
in.		in. (mm)	in. (mm)	in. (mm)	in. (mm)
1/4	-QC4-BFL4-BF	0.91 (23.1)	2.67 (67.8)	0.47 (11.9)	0.25 (6.4)
3/8	-QC6-BFL6-BF	1.03 (26.2)	2.98 (75.7)	0.60 (15.2)	0.27 (6.9)
1/2	-QC8-BFL8-BF	1.21 (30.7)	3.56 (90.4)	0.78	0.26 (6.6)
mm	—	mm (in.)	mm (in.)	mm (in.)	mm (in.)
6	-QC4-BML6-BF	23.1 (0.91)	67.8 (2.67)	11.7 (0.46)	6.4 (0.25)
10	-QC6-BML10-BF	26.2 (1.03)	75.9 (2.99)	16.8 (0.66)	6.9 (0.27)
12	-QC8-BML12-BF	30.7 (1.21)	90.4 (3.56)	19.6 (0.77)	6.6 (0.26)

Keyed QC Series

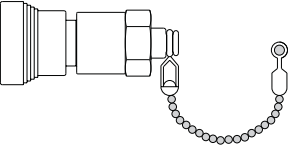
FITOK keyed quick-connects provide a Reliable mechanical lockout system to prevent accidental intermixing of different lines in multifluid or multipressure systems.

QC 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)

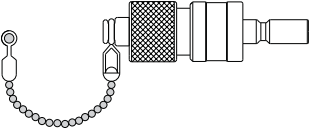
Protectors

Stem Protector



Series	Basic Ordering Number
QC4	-QC4-SP
QC6	-QC6-SP
QC8	-QC8-SP

Body Protector



Series	Basic Ordering Number
QC4	-QC4-BP
QC6	-QC6-BP
QC8	-QC8-BP

- ⦿ To order a protector, add material designator (SS for stainless steel or B for brass) as a prefix to the basic ordering number.
Example: **SS-QC4-BP**
- ⦿ To order a keyed protector, add material designator (SS for stainless steel or B for brass) as a prefix and key designator from the table below as a suffix to the ordering number.
Example: **SS-QC4-BP-K2**