

Quick-connects

QC, QF, QV, QM and QTM Series



Contents

QC Series



D-27

QF Series



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QV Series



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QM Series



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QTM Series



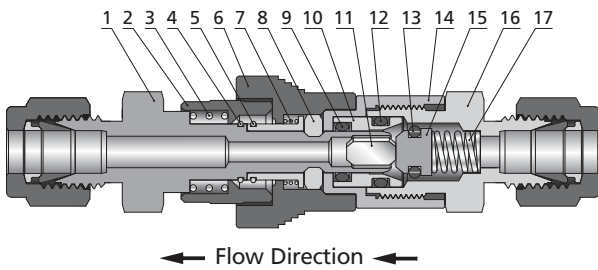
D-46

QC Series

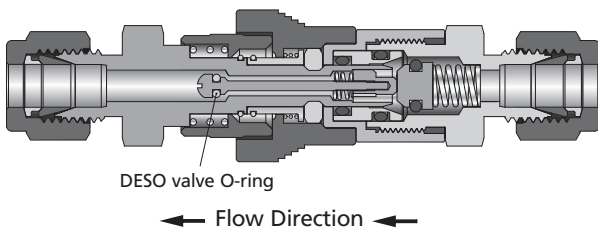
Features

- Working pressure up to: 3000 psig (207 bar)
- Materials: Stainless steel or brass
- Reliable, leak-tight O-ring seal for vacuum or pressure systems
- Interchangeable with other key manufacturers' products
- Single-end shutoff, double-end shutoff and full-flow model available
- Push-to-connect coupling to enable quick and easy operation
- Locking mechanism with large contact area to ensure reliable stem retainment

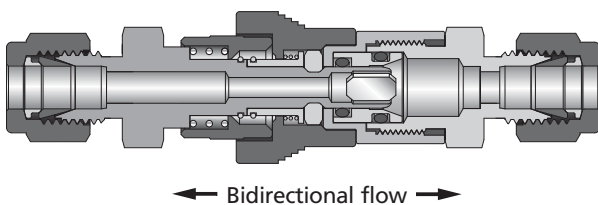
Single-end Shutoff (SESO)



Double-end Shutoff (DESO)



Full-flow Quick-connects



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 (69.0)	500 (34.4)
250 (121)	—			250 (17.2)		
400 (204)	250 (17.2)			—		

Standard Materials of Construction

Item	Component	Body Material	
		Stainless Steel	Brass
		Material Grade/ASTM Standard	
1	Stem	316 SS/A276	Brass C36000/B16
2	DESO stem sleeve	Polyurethane enamel-coated 316 SS/A276	Polyurethane enamel-coated brass C36000/B16
	SESO stem sleeve	Polyurethane enamel-coated 316 SS/A276	Brass C36000/B16
3	Springs	316 SS/A313	
4	Snap rings	316 SS/A313	
5			
6	Body sleeve	Powdered metal 300 Series Stainless steel	Brass C36000/B16
7	Springs	316 SS/A313	
8	Locking dogs	Xylan® -coated 316 SS powdered metal	
9	O-rings	Fluorocarbon FKM	Buna N
10	Sliding sleeve	316 SS/A276	Brass C36000/B16
11	SESO stem insert	316 SS/A240	Brass C26000/B36
12	O-rings	Fluorocarbon FKM	Buna N
13	O-rings	Fluorocarbon FKM	Buna N
14	Housing	316 SS/A276	Brass C36000/B16
15	Plug	316 SS/A276	Brass C36000/B16
16	Body	316 SS/A276	Brass C36000/B16
17	Springs	316 SS/A313	
18	Lubricants	Silicone-based	

Insertion Depth

Series	Insertion Depth	
	SESO	DESO
	in. (mm)	in. (mm)
QC4	1.09 (27.7)	1.15 (29.2)
QC6	1.18 (30.0)	1.30 (33.0)
QC8	1.48 (37.6)	1.68 (42.7)

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

Spillage and Air Inclusion

Spillage - the amount of system fluid that escapes when a quick-connect is uncoupled (DESO only)

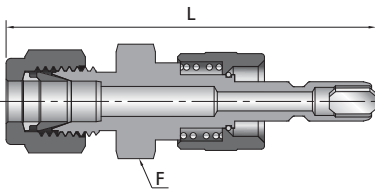
Air Inclusion - the amount of air trapped between the body and stem that enters the system when a quick-connect is coupled (DESO only)

Series	Spillage, cm ³	Air Inclusion, cm ³
QC4	0.3	0.3
QC6	1.0	1.0
QC8	3.0	3.0

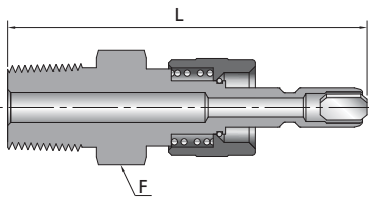
Dimensions

SESO Stems

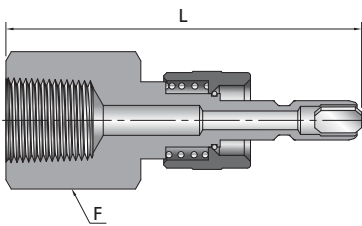
Tube Fitting



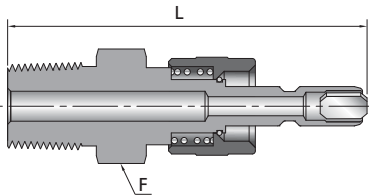
Male NPT



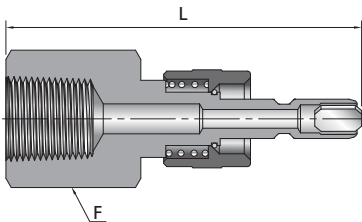
Female NPT



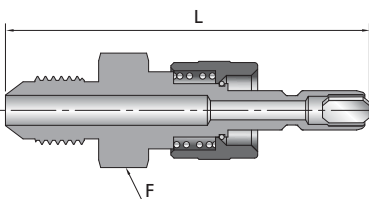
Male BSPT



Female BSPT



Male JIC(AN) 37° Flare



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L 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 in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L 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 in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L 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)

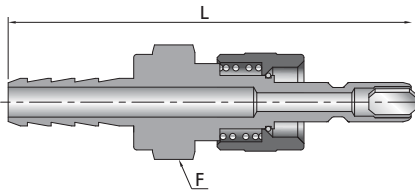
BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L in. (mm)
1/8	-QC4-RT2-S	0.3	5/8	2.07 (52.6)
1/4	-QC4-RT4-S	0.3	5/8	2.22 (56.4)
1/4	-QC6-RT4-S	0.8	3/4	2.32 (58.9)
3/8	-QC6-RT6-S	0.8	3/4	2.35 (59.7)
1/2	-QC8-RT8-S	2.0	15/16	2.84 (72.1)

BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L 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)

Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L 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)

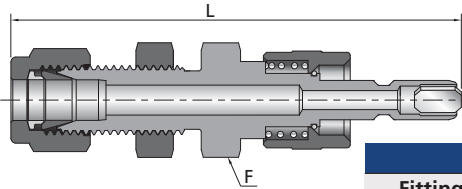
SESO Stems

Hose Connector



Hose Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F	L
			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)

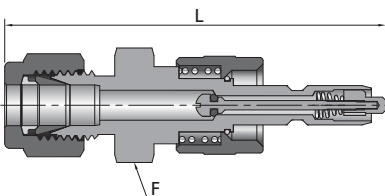
Bulkhead Tube Fitting



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		Min. Panel Orifice in. (mm)	Max. Panel Thickness in. (mm)
			F	L		
			in.	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)

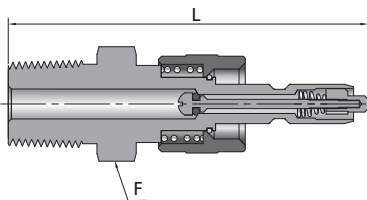
DESO Stems

Tube Fitting



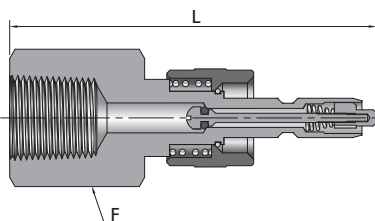
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F	L
			in.	in. (mm)
1/8	-QC4-FL2-D	0.08	5/8	2.77 (70.4)
1/4	-QC4-FL4-D	0.2	5/8	2.42 (61.5)
3/8	-QC6-FL6-D	0.5	3/4	2.64 (67.1)
1/2	-QC8-FL8-D	1.5	15/16	3.16 (80.3)
mm			mm	mm (in.)
6	-QC4-ML6-D	0.2	16	61.5 (2.42)
10	-QC6-ML10-D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

Male NPT



BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			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)

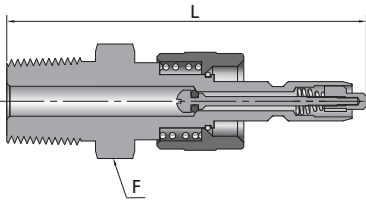
Female NPT



BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			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)

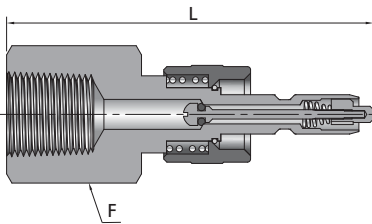
DESO Stems

Male BSPT



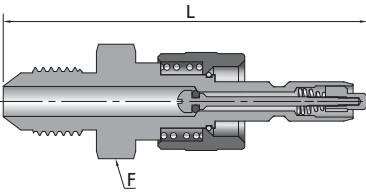
BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L in. (mm)
1/8	-QC4-RT2-D	0.2	5/8	2.13 (54.1)
1/4	-QC4-RT4-D	0.2	5/8	2.28 (57.8)
1/4	-QC6-RT4-D	0.5	3/4	2.44 (61.9)
3/8	-QC6-RT6-D	0.5	3/4	2.47 (62.7)
1/2	-QC8-RT8-D	1.3	15/16	3.04 (77.2)

Female BSPT



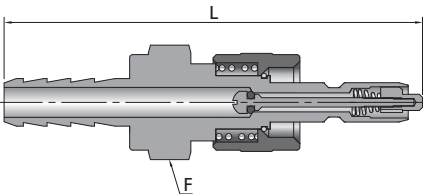
BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L in. (mm)
1/8	-QC4-FRT2-D	0.2	5/8	2.07 (52.6)
1/4	-QC4-FRT4-D	0.2	3/4	2.32 (58.9)
1/4	-QC6-FRT4-D	0.5	3/4	2.47 (62.7)
3/8	-QC6-FRT6-D	0.5	7/8	2.47 (62.7)
1/2	-QC8-FRT8-D	1.3	1 1/16	3.04 (77.2)

Male JIC(AN) 37° Flare



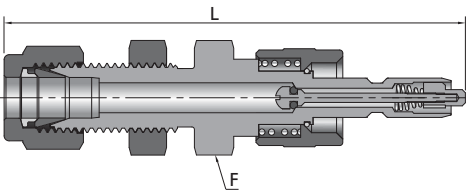
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L in. (mm)
1/4	-QC4-AN4-D	0.2	5/8	2.29 (58.2)
3/8	-QC6-AN6-D	0.5	3/4	2.47 (62.7)
1/2	-QC8-AN8-D	1.5	15/16	2.99 (75.9)

Hose Connector



Hose Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			F in.	L 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)

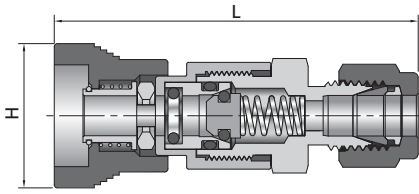
Bulkhead Tube Fitting



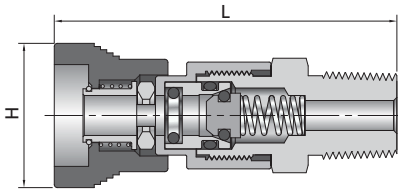
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		Min. Panel Orifice in. (mm)	Max. Panel Thickness in. (mm)
			F in.	L in. (mm)		
1/4	-QC4-BFL4-D	0.2	5/8	2.80 (71.1)	0.47 (11.9)	0.25 (6.4)
3/8	-QC6-BFL6-D	0.5	3/4	3.07 (78.0)	0.60 (15.2)	0.27 (6.9)
1/2	-QC8-BFL8-D	1.5	15/16	3.63 (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

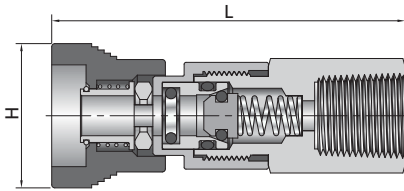
Tube Fitting



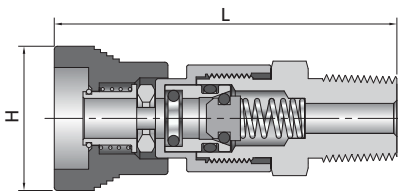
Male NPT



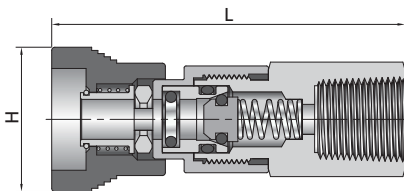
Female NPT



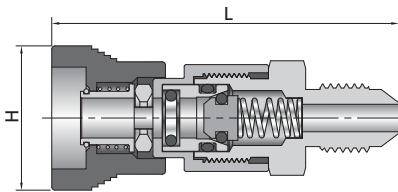
Male BSPT



Female BSPT



Male JIC (AN) 37° Flare



Fitting Size in.	Basic Ordering Number	Dimensions	
		H in.	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 in.	Basic Ordering Number	Dimensions	
		H in.	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 in.	Basic Ordering Number	Dimensions	
		H in.	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)

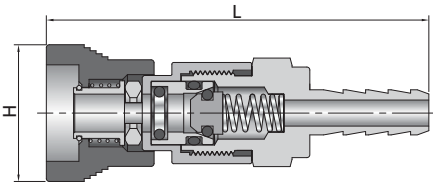
BSPT Size in.	Basic Ordering Number	Dimensions	
		H in.	L in. (mm)
1/8	-QC4-RT2-B	0.91 (23.1)	2.01 (51.1)
1/4	-QC4-RT4-B	0.91 (23.1)	2.16 (54.9)
1/4	-QC6-RT4-B	1.03 (26.2)	2.38 (60.5)
3/8	-QC6-RT6-B	1.03 (26.2)	2.38 (60.5)
1/2	-QC8-RT8-B	1.21 (30.7)	2.97 (75.4)

BSPT Size in.	Basic Ordering Number	Dimensions	
		H in.	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)

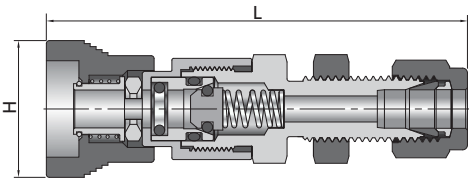
Fitting Size in.	Basic Ordering Number	Dimensions	
		H in.	L in. (mm)
1/4	-QC4-AN4-B	0.91 (23.1)	2.17 (55.1)
3/8	-QC6-AN6-B	1.03 (26.2)	2.41 (61.2)
1/2	-QC8-AN8-B	1.21 (30.7)	2.92 (74.2)

Bodies

Hose Connector

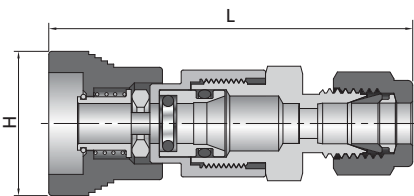


Bulkhead Tube Fitting

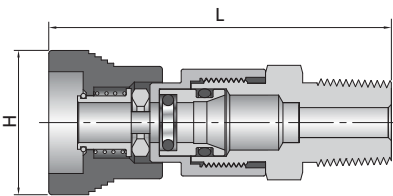


Full-flow Bodies

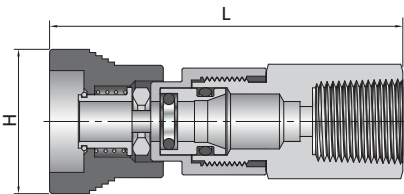
Tube Fitting



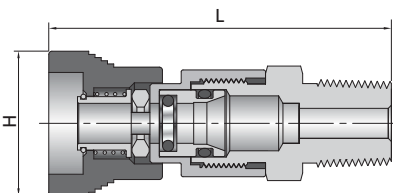
Male NPT



Female NPT



Male BSPT



Hose Size in.	Basic Ordering Number	Dimensions	
		H in.	L 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)

Fitting Size in.	Basic Ordering Number	Dimensions		Min. Panel Orifice in. (mm)	Max. Panel Thickness in. (mm)
		H in.	L 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)

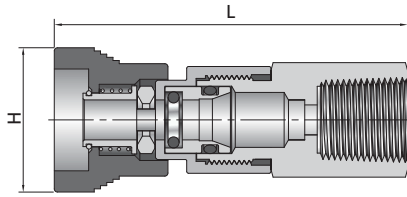
Fitting Size in.	Basic Ordering Number	Dimensions	
		H in.	L in. (mm)
1/8	-QC4-FL2-F	0.91 (23.1)	2.26 (57.4)
1/4	-QC4-FL4-F	0.91 (23.1)	2.30 (58.4)
3/8	-QC6-FL6-F	1.03 (26.2)	2.58 (65.5)
1/2	-QC8-FL8-F	1.21 (30.7)	3.09 (78.5)
mm	—	mm (in.)	mm (in.)
6	-QC4-ML6-F	23.1 (0.91)	58.4 (2.30)
10	-QC6-ML10-F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

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

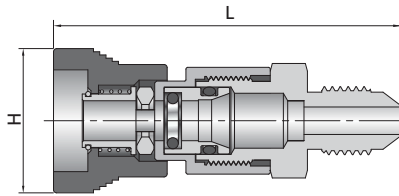
NPT Size in.	Basic Ordering Number	Dimensions	
		H in.	L in. (mm)
1/8	-QC4-FNS2-F	0.91 (23.1)	2.16 (54.9)
1/4	-QC4-FNS4-F	0.91 (23.1)	2.42 (61.5)
1/4	-QC6-FNS4-F	1.03 (26.2)	2.54 (65.4)
3/8	-QC6-FNS6-F	1.03 (26.2)	2.57 (65.3)
1/2	-QC8-FNS8-F	1.21 (30.7)	3.22 (81.8)

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

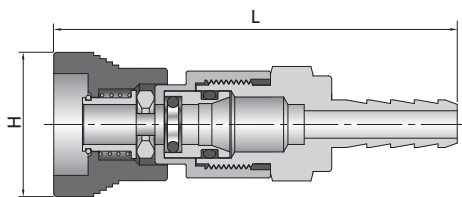
Female BSPT



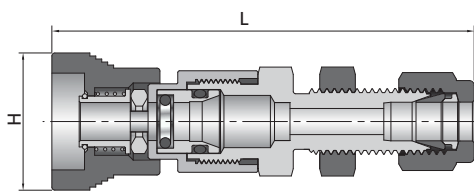
Male JIC (AN) 37° Flare



Hose Connector



Bulkhead Tube Fitting



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

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

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

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

Options, QC Series

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

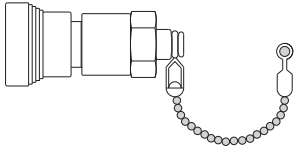
Key Number	Color	QC4		QC6		QC8	
		Body Sleeve	Stem Sleeve	Body Sleeve	Stem Sleeve	Body Sleeve	Stem Sleeve
		in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)
K1	Black	0.96 (24.4)	0.82 (20.8)	1.13 (28.7)	0.99 (25.1)	1.26 (32.0)	1.10 (27.9)
K2	Orange	0.99 (25.1)	0.85 (21.6)	1.16 (29.5)	1.02 (25.9)	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)

Options, QC Series

Stem and Body Protector

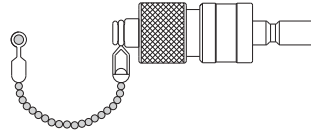
Stem and body protector can prevent the stem and the body from being damaged and polluted when uncoupling.

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

- Ordering number description of the protector: Material designator (SS for stainless steel or B for brass) + Basic Ordering Number.
Example: **SS-QC4-BP**
- Ordering number description of the keyed protector: Material designator (SS for stainless steel or B for brass) + Basic Ordering Number+Key
Number from the table below.
Example: **SS-QC4-BP-K2**
- The protector is not a pressure sustaining device. To order it, please contact FITOK Group or our authorized distributors.

Ordering Number Description

SS - QC4 - FL4 - S - K1 - B - CE

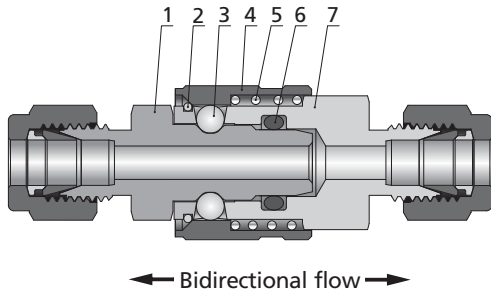
Material	Series	End Connection Type	End Connection Size	Stem or Body	Key Number and Color	O-ring Material	Special Application
SS 316 SS	QC4 1/4" (6.4 mm)	FNS Female NPT	4 1/4"	S Stem without valve remains open when uncoupled	Without key	Fluorocarbon FKM	NO
B Brass	QC6 3/8" (9.5 mm)	NS Male NPT	6 3/8" or 6 mm	D Stem with valve shuts off when uncoupled	K1 Black	B Buna N	CE NACE MR 0175
	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	E EPDM	
		RT Male BSPT	10 5/8" or 10 mm	F Full-flow body	K3 Green	N Neoprene	
		FMS Female Metric Thread (for RG gasket)	12 3/4" or 12 mm		K4 Yellow	Z Kalrez	
		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		
		FT Fractional Tube Adapter	20 M20 x 1.5		K8 Brown		
		MT Metric Tube Adapter					
		AN Male JIC 37° Flare					

- Note: 1. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.
2. Dimensions are for reference only and are subject to change.

QF Series

Features

- ⦿ Full flow
- ⦿ Quick, easy operation
- ⦿ Working pressure up to: 6000 psig (414 bar)
- ⦿ Materials: stainless steel or brass
- ⦿ Smooth and open bores without valve on either end to minimize pressure drop and allow easy cleaning



Standard Materials of Construction

Item	Component	Body Material	
		Stainless Steel	Brass
		Material Grade/ASTM Standard	
1	Stem	316 SS/A276	Brass C36000/B16
2	Snap rings	316 SS/A313	
3	Locking balls	440C/A276	
4	Sliding sleeve	316 SS/A240	Brass C26000/B36
5	Springs	316 SS/A313	
6	O-rings	Fluorocarbon FKM	Buna N
7	Body	316 SS/A276	Brass C36000/B16
8	Lubricants	Silicone-based	

Pressure-Temperature Ratings

Temperature °F (°C)	Stainless Steel with FKM O-ring				Brass with Buna N O-ring			
	QF4	QF8	QF12	QF16	QF4	QF8	QF12	QF16
	Pressure Rating, psig (bar)							
-10~70 (-23~20)	6000 (414)		4000 (275)		4000 (275)	3000 (207)	2000 (137)	
250 (121)	—				100 (6.9)			
400 (204)	100 (6.9)				—			

Insertion Depth

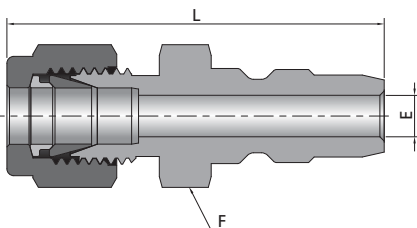
Series	Insert Depth
	in. (mm)
QF4	0.78 (19.8)
QF8	0.81 (20.6)
QF12	0.90 (22.9)
QF16	0.94 (23.9)

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

Dimensions

Stems

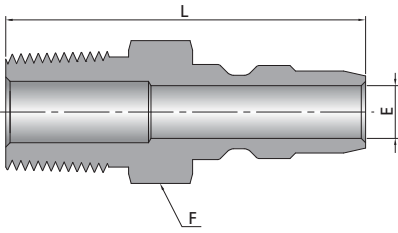
Tube Fitting



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		
			E	F	L
			in. (mm)	in.	in. (mm)
1/4	-QF4-FL4-S	2.2	0.19 (4.8)	9/16	1.77 (45.0)
3/8	-QF4-FL6-S	2.8	0.24 (6.1)	11/16	1.77 (45.0)
3/8	-QF8-FL6-S	2.8	0.28 (7.1)	7/8	1.88 (47.8)
1/2	-QF8-FL8-S	13.0	0.41 (10.4)	7/8	1.99 (50.5)
3/4	-QF12-FL12-S	26.0	0.62 (15.7)	1 1/16	2.15 (54.6)
1	-QF16-FL16-S	45.0	0.88 (22.4)	1 3/8	2.45 (62.2)
mm			(mm) in.	mm	(mm) in.
6	-QF4-ML6-S	2.2	4.8 (0.19)	15	45.0 (1.77)
10	-QF8-ML10-S	2.8	7.1 (0.28)	22	48.5 (1.91)
12	-QF8-ML12-S	13.0	9.5 (0.37)	22	51.3 (2.02)
20	-QF12-ML20-S	26.0	15.7 (0.62)	30	54.6 (2.15)
25	-QF16-ML25-S	45.0	22.4 (0.88)	36	63.5 (2.50)

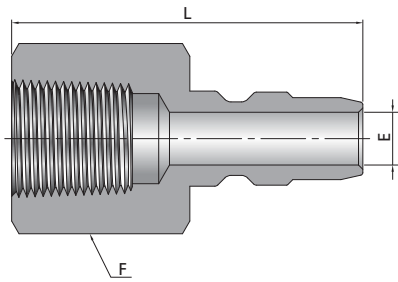
Stems

Male NPT



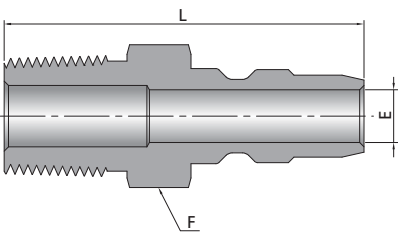
NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		
			E in. (mm)	F in.	L in. (mm)
1/4	-QF4-NS4-S	1.7	0.24 (6.1)	9/16	1.59 (40.4)
3/8	-QF4-NS6-S	1.7	0.24 (6.1)	11/16	1.59 (40.4)
3/8	-QF8-NS6-S	7.1	0.41 (10.4)	7/8	1.65 (41.9)
1/2	-QF8-NS8-S	11.5	0.50 (12.7)	7/8	1.84 (46.7)
3/4	-QF12-NS12-S	23.6	0.72 (18.3)	1 1/16	2.03 (51.6)
1	-QF16-NS16-S	39.0	0.88 (22.4)	1 3/8	2.35 (59.7)

Female NPT



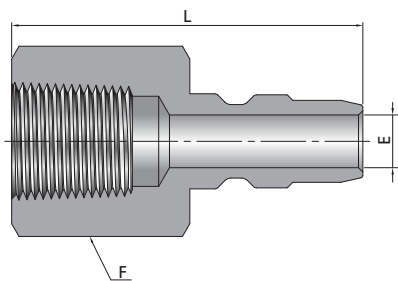
NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		
			E in. (mm)	F in.	L in. (mm)
1/4	-QF4-FNS4-S	1.7	0.24 (6.1)	3/4	1.60 (40.6)
3/8	-QF4-FNS6-S	1.7	0.24 (6.1)	7/8	1.67 (42.4)
3/8	-QF8-FNS6-S	7.1	0.41 (10.4)	1 1/16	1.59 (40.4)
1/2	-QF8-FNS8-S	11.5	0.50 (12.7)	1 1/16	1.82 (46.2)
3/4	-QF12-FNS12-S	23.6	0.72 (18.3)	1 5/16	2.08 (52.8)
1	-QF16-FNS16-S	39.0	0.88 (22.4)	1 5/8	2.49 (63.2)

Male BSPT



BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		
			E in. (mm)	F in.	L in. (mm)
1/4	-QF4-RT4-S	1.7	0.24 (6.1)	9/16	1.59 (40.4)
3/8	-QF4-RT6-S	1.7	0.24 (6.1)	11/16	1.59 (40.4)
3/8	-QF8-RT6-S	7.1	0.41 (10.4)	7/8	1.65 (41.9)
1/2	-QF8-RT8-S	11.5	0.50 (12.7)	7/8	1.84 (46.7)
3/4	-QF12-RT12-S	23.6	0.72 (18.3)	1 1/16	2.03 (51.6)
1	-QF16-RT16-S	39.0	0.88 (22.4)	1 3/8	2.35 (59.7)

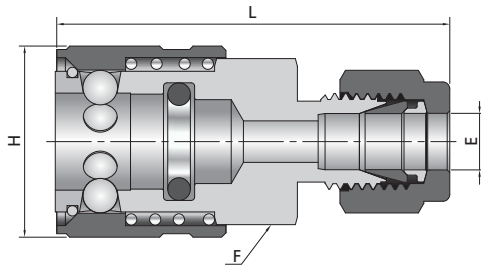
Female BSPT



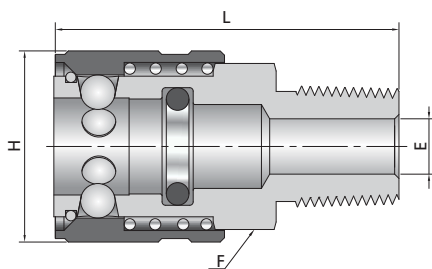
BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		
			E in. (mm)	F in.	L in. (mm)
1/4	-QF4-FRT4-S	1.7	0.24 (6.1)	3/4	1.60 (40.6)
3/8	-QF4-FRT6-S	1.7	0.24 (6.1)	7/8	1.67 (42.4)
3/8	-QF8-FRT6-S	7.1	0.41 (10.4)	1 1/16	1.59 (40.4)
1/2	-QF8-FRT8-S	11.5	0.50 (12.7)	1 1/16	1.82 (46.2)
3/4	-QF12-FRT12-S	23.6	0.72 (18.3)	1 5/16	2.08 (52.8)
1	-QF16-FRT16-S	39.0	0.88 (22.4)	1 5/8	2.49 (63.2)

Bodies

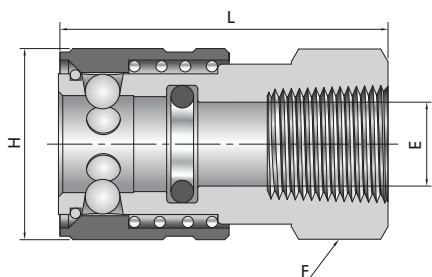
Tube Fitting



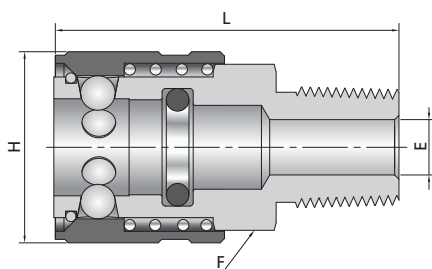
Male NPT



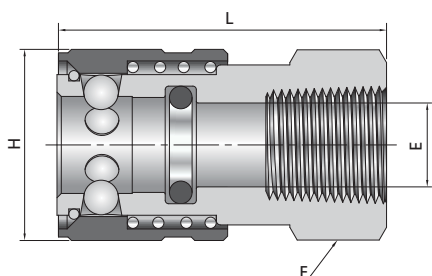
Female NPT



Male BSPT



Female BSPT



Fitting Size in.	Basic Ordering Number	Dimensions			
		E in. (mm)	F in.	H in. (mm)	L in. (mm)
1/4	-QF4-FL4-B	0.19 (4.8)	11/16	0.87 (22.1)	1.80 (45.7)
3/8	-QF4-FL6-B	0.28 (7.1)	11/16	0.87 (22.1)	1.81 (46.0)
3/8	-QF8-FL6-B	0.28 (7.1)	1 1/16	1.30 (33.0)	2.17 (55.1)
1/2	-QF8-FL8-B	0.47 (11.9)	1 1/16	1.30 (33.0)	2.23 (56.6)
3/4	-QF12-FL12-B	0.62 (15.7)	1 1/2	1.66 (42.2)	2.45 (62.2)
1	-QF16-FL16-B	0.88 (22.4)	1 11/16	1.88 (47.8)	2.75 (69.9)
mm	—	(mm) in.	mm	(mm) in.	(mm) in.
6	-QF4-ML6-B	4.8 (0.19)	18	22.1 (0.87)	45.7 (1.80)
10	-QF8-ML10-B	7.1 (0.28)	27	33.0 (1.30)	55.9 (2.20)
12	-QF8-ML12-B	10.4 (0.41)	27	33.0 (1.30)	57.4 (2.26)
20	-QF12-ML20-B	15.9 (0.63)	38	42.2 (1.66)	63.5 (2.50)
25	-QF16-ML25-B	21.8 (0.86)	46	47.8 (1.88)	70.0 (2.76)

NPT Size in.	Basic Ordering Number	Dimensions			
		E in. (mm)	F in.	H in. (mm)	L in. (mm)
1/4	-QF4-NS4-B	0.25 (6.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	-QF4-NS6-B	0.37 (9.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	-QF8-NS6-B	0.41 (10.4)	1 1/16	1.30 (33.0)	1.83 (46.5)
1/2	-QF8-NS8-B	0.50 (12.7)	1 1/16	1.30 (33.0)	2.08 (52.8)
3/4	-QF12-NS12-B	0.72 (18.3)	1 1/2	1.66 (42.2)	2.33 (59.2)
1	-QF16-NS16-B	0.88 (22.4)	1 11/16	1.88 (47.8)	2.65 (67.3)

NPT Size in.	Basic Ordering Number	Dimensions			
		E in. (mm)	F in.	H in. (mm)	L in. (mm)
1/4	-QF4-FNS4-B	0.38 (9.7)	3/4	0.87 (22.1)	1.50 (38.1)
3/8	-QF4-FNS6-B	0.38 (9.7)	7/8	0.87 (22.1)	1.63 (41.4)
3/8	-QF8-FNS6-B	0.59 (15.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
1/2	-QF8-FNS8-B	0.63 (16.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
3/4	-QF12-FNS12-B	0.88 (22.4)	1 1/2	1.66 (42.2)	1.89 (48.0)
1	-QF16-FNS16-B	1.06 (26.9)	1 11/16	1.88 (47.8)	2.12 (53.8)

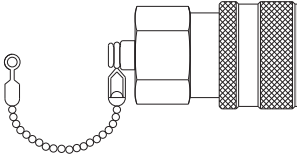
BSPT Size in.	Basic Ordering Number	Dimensions			
		E in. (mm)	F in.	H in. (mm)	L in. (mm)
1/4	-QF4-RT4-B	0.25 (6.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	-QF4-RT6-B	0.37 (9.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	-QF8-RT6-B	0.41 (10.4)	1 1/16	1.30 (33.0)	1.83 (46.5)
1/2	-QF8-RT8-B	0.50 (12.7)	1 1/16	1.30 (33.0)	2.08 (52.8)
3/4	-QF12-RT12-B	0.72 (18.3)	1 1/2	1.66 (42.2)	2.33 (59.2)
1	-QF16-RT16-B	0.88 (22.4)	1 11/16	1.88 (47.8)	2.65 (67.3)

BSPT Size in.	Basic Ordering Number	Dimensions			
		E in. (mm)	F in.	H in. (mm)	L in. (mm)
1/4	-QF4-FRT4-B	0.38 (9.7)	3/4	0.87 (22.1)	1.50 (38.1)
3/8	-QF4-FRT6-B	0.38 (9.7)	7/8	0.87 (22.1)	1.63 (41.4)
3/8	-QF8-FRT6-B	0.59 (15.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
1/2	-QF8-FRT8-B	0.63 (16.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
3/4	-QF12-FRT12-B	0.88 (22.4)	1 1/2	1.66 (42.2)	1.89 (48.0)
1	-QF16-FRT16-B	1.06 (26.9)	1 11/16	1.88 (47.8)	2.12 (53.8)

Options, QF Series Stem and Body Protector

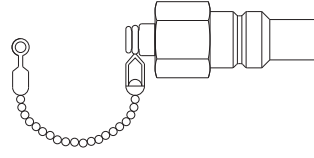
Stem and body protector can prevent the stem and the body from being damaged and polluted when uncoupling.

Stem Protector



Series	Basic Ordering Number
QF4	-QF4-SP
QF8	-QF8-SP
QF12	-QF12-SP
QF16	-QF16-SP

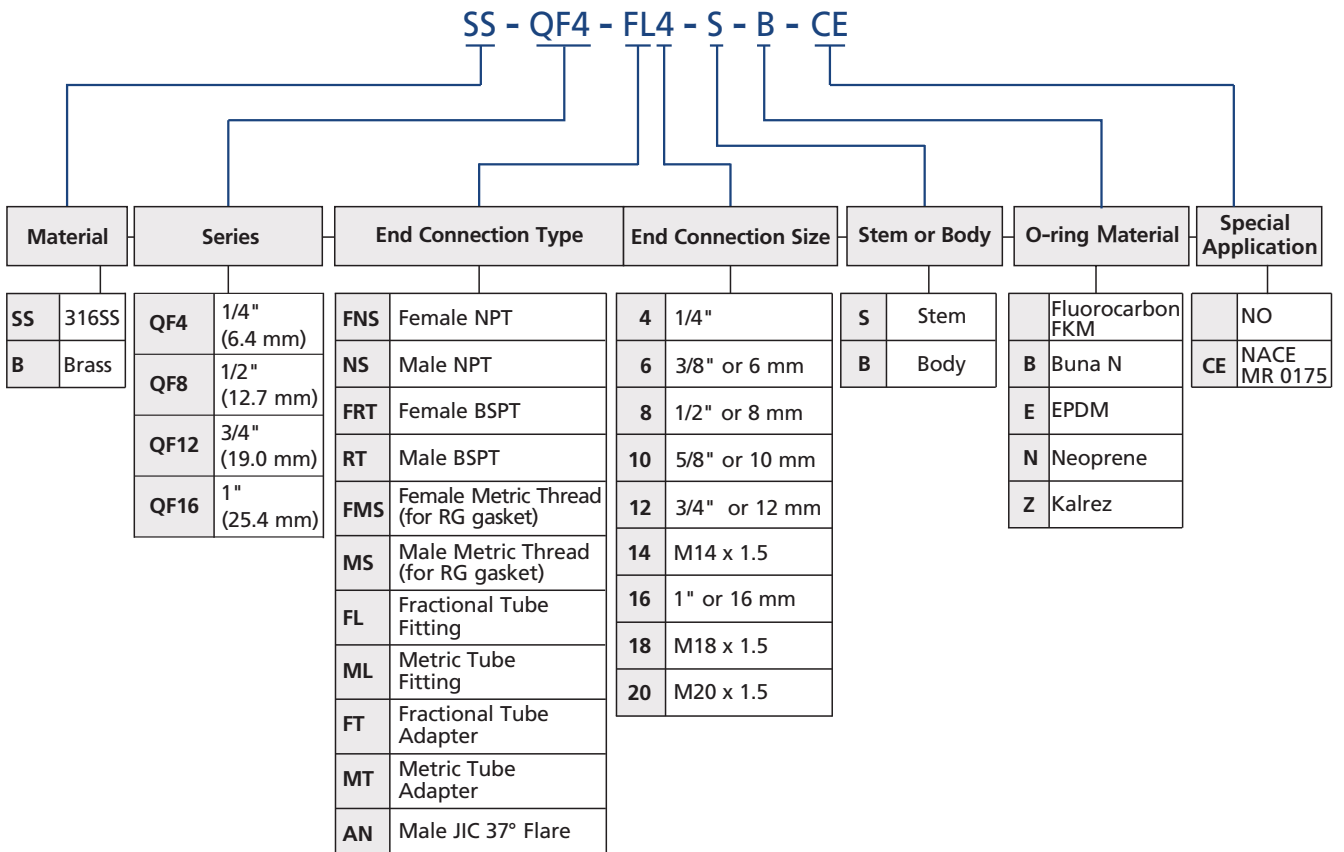
Body Protector



Series	Basic Ordering Number
QF4	-QF4-BP
QF8	-QF8-BP
QF12	-QF12-BP
QF16	-QF16-BP

- Ordering number description of the protector: Material designator (SS for stainless steel or B for brass) + Basic Ordering Number.
Example: **SS-QF4-BP**
- The protector is not a pressure sustaining device. To order it, please contact FITOK Group or our authorized distributors.

Ordering Number Description

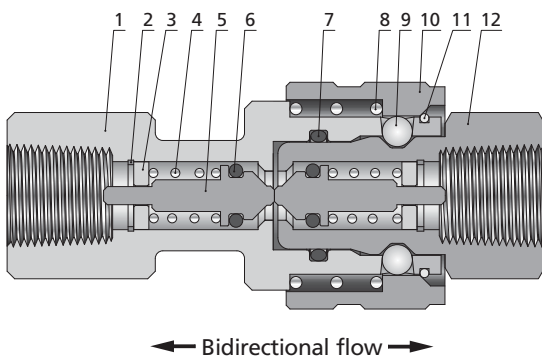


Note: 1. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.
2. Dimensions are for reference only and are subject to change.

QV Series

Features

- ⦿ Working pressure up to: 2000 psig (137 bar)
- ⦿ Large flow area to ensure high flow capacity
- ⦿ Positive valve stop to maintain valve alignment and to provide metal to metal valve stop to ensure that the valves are fully open
- ⦿ Hardened nipples and sleeves as well as solid barstock construction to make for a quality coupling with maximum resistance to damage from hydraulic and mechanical shock
- ⦿ Designed to withstand high pressure with reliable sealing
- ⦿ Durable ball-locking mechanism to assure reliable connection



Standard Materials of Construction

Item	Component	Body Material	
		Stainless Steel	Brass
		Material Grade/ASTM Standard	
1	Body	316 SS/A276	Brass C36000/B16
2	Locating ring	304 SS	
3	Locating block	316 SS/A276	Brass C36000/B16
4	Springs	316 SS/A313	
5	Valve Stem	316 SS/A276	Brass C36000/B16
6	O-rings	Fluorocarbon FKM	Buna N
7			
8	Springs	316 SS/A313	
9	Locking balls	440C/A276	
10	Body sleeve	316 SS/A276	Brass C36000/B16
11	Snap rings	316 SS/A313	
12	Stem	316 SS/A276	Brass C36000/B16
13	Lubricants	Silicone-based	

Pressure-Temperature Ratings

Body Material	Stainless Steel						Brass					
Series	QV2	QV4	QV6	QV8	QV12	QV16	QV2	QV4	QV6	QV8	QV12	QV16
O-ring	FKM						Buna N					
Temperature Range	-10°F to 400°F (-23°C to 204°C)						-10°F to 250°F (-23°C to 121°C)					
Working Pressure psig (bar)	2000 (137)		1500 (103)		1000 (69.0)		1000 (69.0)					

Insertion Depth

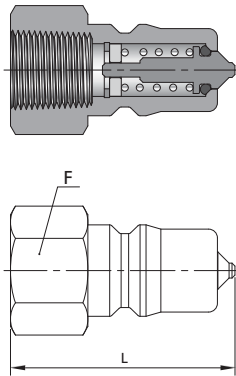
Series	Insert Depth
	in. (mm)
QV2	0.81 (20.5)
QV4	0.98 (25)
QV6	1.17 (29.7)
QV8	1.26 (32)
QV12	1.64 (41.6)
QV16	1.93 (49.1)

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

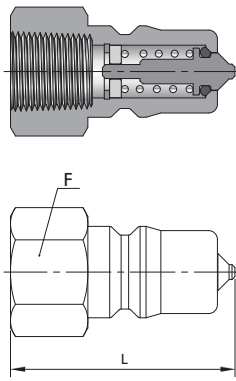
Stems

Female NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/8	-QV2-FNS2-D	0.2	1.16 (29.5)	9/16
1/4	-QV4-FNS4-D	0.6	1.39 (35.3)	3/4
3/8	-QV6-FNS6-D	1.2	1.50 (38.1)	7/8
1/2	-QV8-FNS8-D	2.6	1.75 (44.5)	1 1/8
3/4	-QV12-FNS12-D	3.3	2.16 (54.9)	1 3/8
1	-QV16-FNS16-D	6.2	2.91 (73.9)	1 5/8

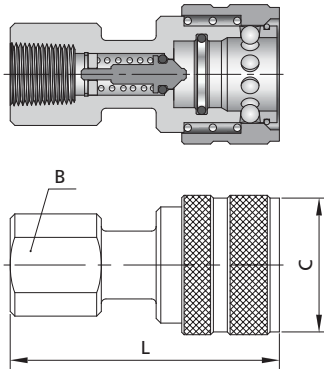
Female BSPT



BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/8	-QV2-FRT2-D	0.2	1.16 (29.5)	9/16
1/4	-QV4-FRT4-D	0.6	1.39 (35.3)	3/4
3/8	-QV6-FRT6-D	1.2	1.50 (38.1)	7/8
1/2	-QV8-FRT8-D	2.6	1.75 (44.5)	1 1/8
3/4	-QV12-FRT12-D	3.3	2.16 (54.9)	1 3/8
1	-QV16-FRT16-D	6.2	2.91 (73.9)	1 5/8

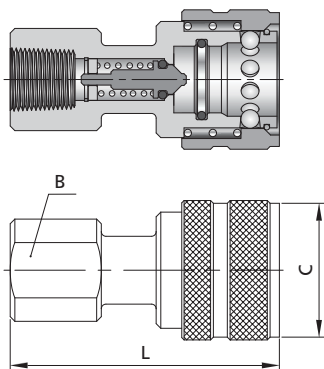
Bodies

Female NPT



NPT Size in.	Basic Ordering Number	Dimensions		
		L in. (mm)	B in. (mm)	C in. (mm)
1/8	-QV2-FNS2-B	1.90 (48.3)	0.63 (15.9)	0.96 (24.4)
1/4	-QV4-FNS4-B	2.26 (57.4)	0.81 (20.6)	1.14 (29.0)
3/8	-QV6-FNS6-B	2.49 (63.2)	0.88 (22.2)	1.40 (35.6)
1/2	-QV8-FNS8-B	2.87 (72.9)	1.13 (28.6)	1.77 (45.0)
3/4	-QV12-FNS12-B	3.56 (90.4)	1.31 (33.3)	2.14 (54.4)
1	-QV16-FNS16-B	4.18 (106.2)	1.63 (41.3)	2.52 (64.0)

Female BSPT



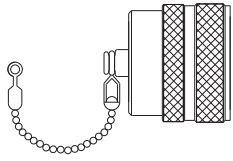
BSPT Size in.	Basic Ordering Number	Dimensions		
		L in. (mm)	B in. (mm)	C in. (mm)
1/8	-QV2-FRT2-B	1.90 (48.3)	0.69 (17.5)	0.96 (24.4)
1/4	-QV4-FRT4-B	2.26 (57.4)	0.81 (20.6)	1.14 (29.0)
3/8	-QV6-FRT6-B	2.49 (63.2)	0.88 (22.2)	1.40 (35.6)
1/2	-QV8-FRT8-B	2.87 (72.9)	1.13 (28.6)	1.77 (45.0)
3/4	-QV12-FRT12-B	3.56 (90.4)	1.31 (33.3)	2.14 (54.4)
1	-QV16-FRT16-B	4.18 (106.2)	1.63 (41.3)	2.52 (64.0)

Options, QV Series

Stem and Body Protector

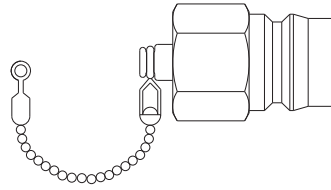
Stem and body protector can prevent the stem and the body from being damaged and polluted when uncoupling.

Stem Protector



Series	Basic Ordering Number
QV2	-QV2-SP
QV4	-QV4-SP
QV6	-QV6-SP
QV8	-QV8-SP
QV12	-QV12-SP
QV16	-QV16-SP

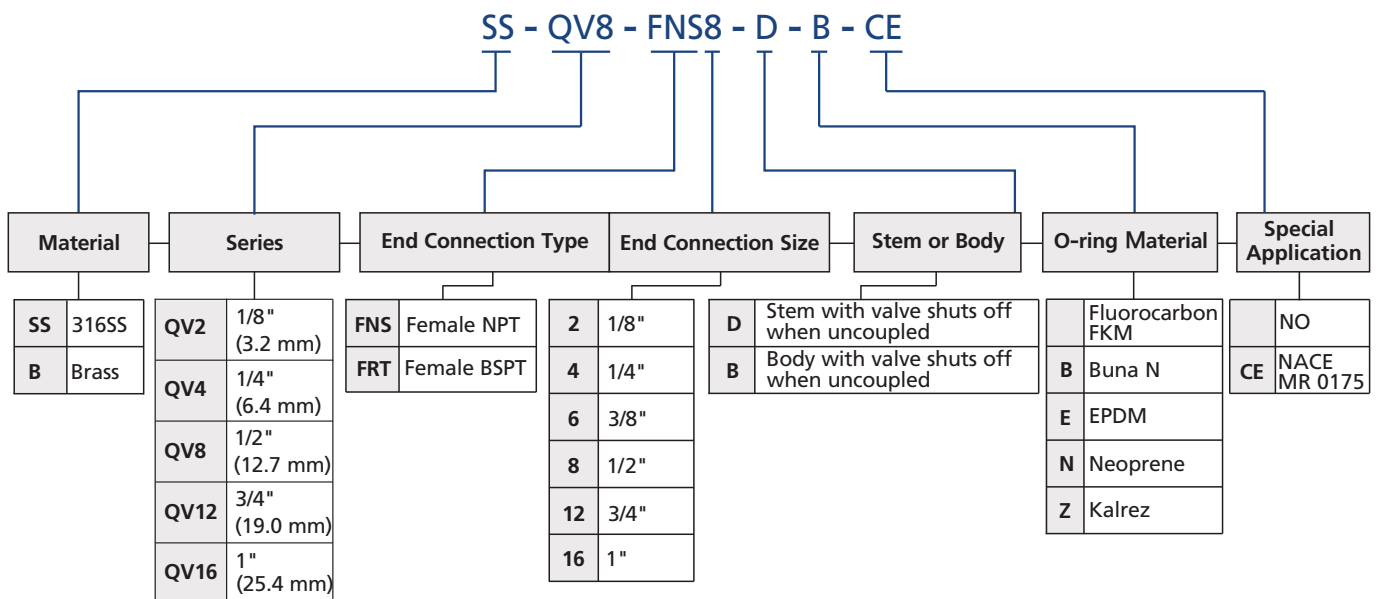
Body Protector



Series	Basic Ordering Number
QV2	-QV2-BP
QV4	-QV4-BP
QV6	-QV6-BP
QV8	-QV8-BP
QV12	-QV12-BP
QV16	-QV16-BP

- Ordering number description of the protector: Material designator (SS for stainless steel or B for brass) + Basic Ordering Number.
Example: **SS-QV4-BP**
- The protector is not a pressure sustaining device. To order it, please contact FITOK Group or our authorized distributors.

Ordering Number Description



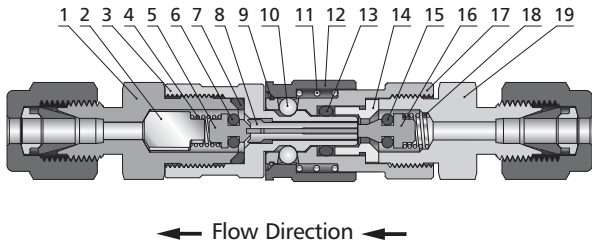
- Note: 1. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.
2. Dimensions are for reference only and are subject to change.

QM Series

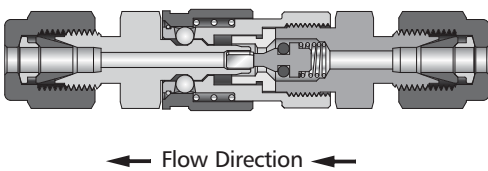
Features

- ⦿ Working pressure up to: 4000 psig (276 bar)
- ⦿ Single-end shutoff, double-end shutoff and full-flow model available
- ⦿ Quick and easy operation

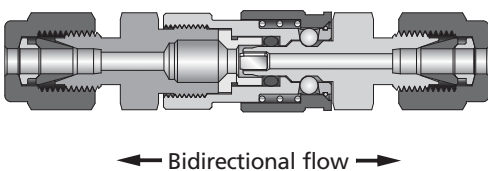
Double-end Shutoff (DESO)



Single-end Shutoff (SESO)



Full-flow Quick-connects



Standard Materials of Construction

Item.	Component	Body Material	
		Stainless Steel	Brass
		Material Grade/ASTM Standard	
1	Stem body	316 SS/A276	Brass C36000/B16
2	Valve block	316 SS/A240	Brass C26000/B36
3	Stem	316 SS/A276	Brass C36000/B16
4	Springs	316 SS/A313	
5	Valve head	316 SS/A276	Brass C36000/B16
6	O-rings	Fluorocarbon FKM	Buna N
7			
8	Stem insert	316 SS/A240	Brass C26000/B36
9	Snap rings	316 SS/A313	
10	Steel ball	440C/A276	
11	Springs	316 SS/A313	
12	Body sleeve	316 SS/A276	Brass C36000/B16
13	O-rings	Fluorocarbon FKM	Buna N
14	Insert	316 SS/A276	Brass C36000/B16
15	O-rings	Fluorocarbon FKM	Buna N
16	Valve head	316 SS/A276	Brass C36000/B16
17	housing	316 SS/A276	Brass C36000/B16
18	Springs	316 SS/A313	
19	Body	316 SS/A276	Brass C36000/B16
20	Lubricants	Silicone-based	

Insert Depth

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

Depth in. (mm)	
SESO	DESO
0.47 (11.9)	0.53 (13.5)

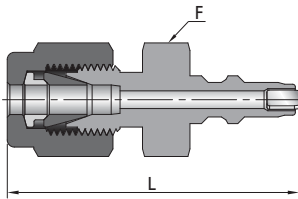
Pressure -Temperature Ratings

Temperature °F (°C)	316 SS with Fluorocarbon FKM O-rings	Brass with Buna N O-rings
	Pressure Rating, psig(bar)	
70 (20)	4000 (276)	2000 (138)
250 (121)	—	100 (6.8)
400 (204)	100 (6.8)	—

Dimensions

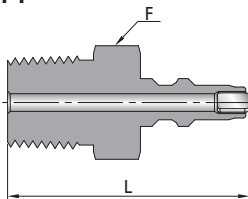
SESO Stems

Tube Fitting



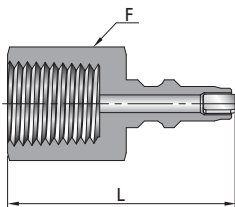
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-FL1-S	0.06	1.18 (30.0)	7/16
1/8	QM-FL2-S		1.29 (32.8)	

Male NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-NS1-S	0.06	1.03 (26.2)	7/16
1/8	QM-NS2-S			

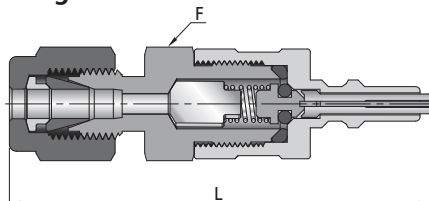
Female NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-FNS1-S	0.06	1.03 (26.2)	7/16
1/8	QM-FNS2-S		1.18 (30.0)	9/16

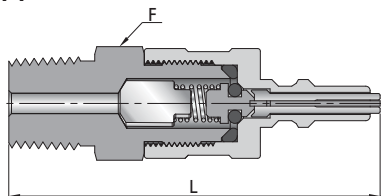
DESO Stems

Tube Fitting



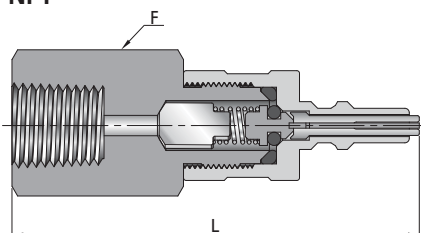
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-FL1-D	0.05	1.76 (44.7)	7/16
1/8	QM-FL2-D		1.87 (47.5)	

Male NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-NS1-D	0.05	1.61 (40.9)	7/16
1/8	QM-NS2-D			

Female NPT

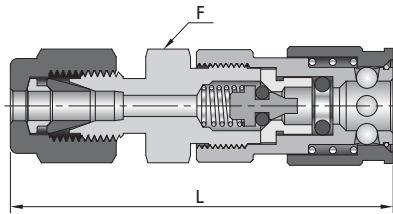


NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-FNS1-D	0.05	1.61 (40.9)	7/16
1/8	QM-FNS2-D		1.81 (46.0)	9/16

D-44 Quick-connects

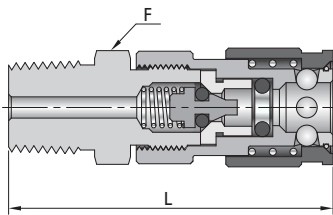
Bodies

Tube Fitting



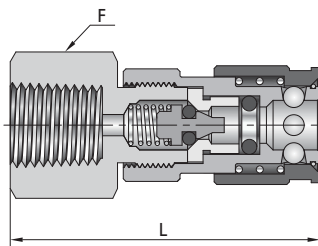
Fitting Size in.	Basic Ordering Number	Dimensions	
		L in. (mm)	F in.
1/16	QM-FL1-B	1.50 (38.1)	7/16
1/8	QM-FL2-B	1.70 (43.2)	

Male NPT



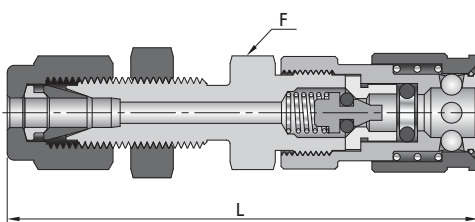
NPT Size in.	Basic Ordering Number	Dimensions	
		L in. (mm)	F in.
1/16	QM-NS1-B	1.42 (36.1)	7/16
1/8	QM-NS2-B	1.44 (36.6)	

Female NPT



NPT Size in.	Basic Ordering Number	Dimensions	
		L in. (mm)	F in.
1/16	QM-FNS1-B	1.43 (36.3)	7/16
1/8	QM-FNS2-B	1.62 (41.1)	9/16

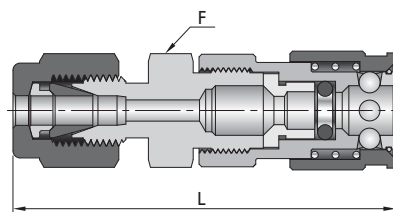
Bulkhead Tube Fitting



Fitting Size in.	Basic Ordering Number	Dimensions		Min. Panel Hole in. (mm)	Max. Panel Thickness in. (mm)
		A in. (mm)	F in.		
1/8	QM-BFL2-B	2.09 (53.1)	7/16	0.33 (8.3)	0.25 (6.4)

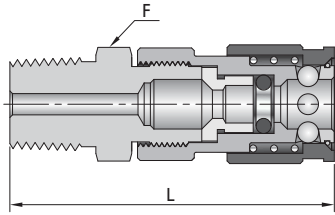
Full-flow Bodies

Tube Fitting



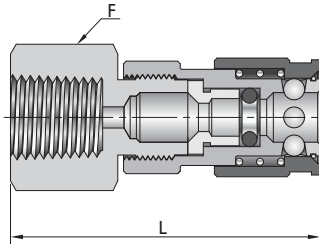
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-FL1-F	0.06	1.50 (38.1)	7/16
1/8	QM-FL2-F		1.70 (43.2)	

Male NPT



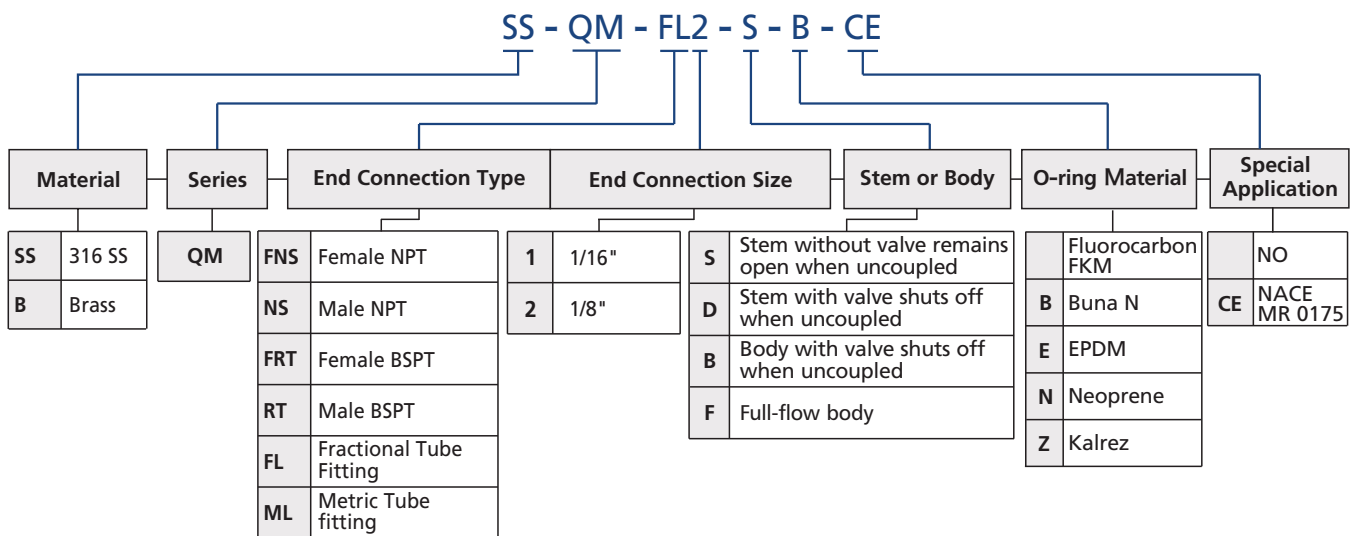
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-NS1-F	0.06	1.42 (36.1)	7/16
1/8	QM-NS2-F		1.44 (36.6)	

Female NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/16	QM-FNS1-F	0.06	1.43 (36.3)	7/16
1/8	QM-FNS2-F		1.62 (41.1)	9/16

Ordering Number Description



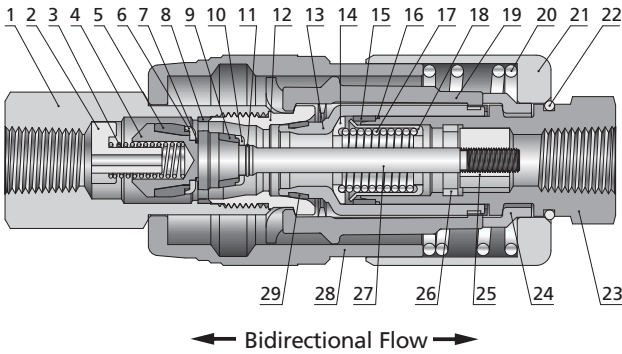
Note: 1. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.
 2. Dimensions are for reference only and are subject to change.

QTM Series

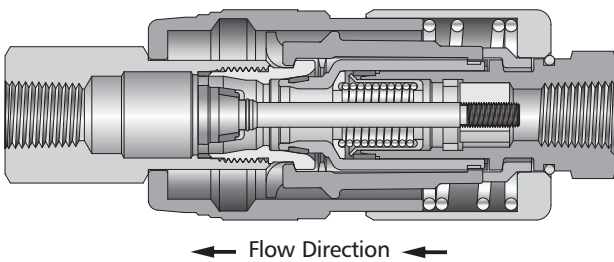
Features

- Special design to reduce air inclusion and spillage
- PTFE sealing to enable applications for diverse media types
- Push-to-connect design to enable quick and easy operation
- Locking mechanism with large contact area to ensure reliable stem retainment

Double-end Shutoff (DESO)



Single-end Shutoff (SESO)



Pressure - Temperature Ratings

Temperature °F (°C)	316 SS			Alloy 400
	QTM2	QTM4	QTM8	QTM2
Pressure Rating, psig (bar)				
Coupled				
0~120 (-17~48)	4500 (310)	3200 (220)	3200 (220)	
Uncoupled				
0~120 (-17~48)		1000 (68.9)		
When Coupling and Uncoupling				
70 (20)	250 (17.2)	100 (6.8)	50 (3.4)	250 (17.2)

Note: Pressure ratings may be restricted by end connections.

Standard Materials of Construction

Item	Component	Material	
1	Stem	316 SS	Alloy 400
2	Spring seat	316 SS	Alloy 400
3	Spring	316 SS	Alloy X-750
4	DESO valve	316 SS	Alloy 400
5	DESO seal ring	PTFE	PTFE
6	DESO stem fin	316 SS	Alloy 400
7	Roundwire snap ring for shaft	316 SS	Alloy X-750
8	Adapter seal gasket	PTFE	PTFE
9	Body valve seal ring	PTFE	PTFE
10	Body fin	316 SS	Alloy 400
11	Roundwire snap ring for shaft	316 SS	Alloy X-750
12	Stem adapter	316 SS	Alloy 400
13	Body sliding sleeve	316 SS	Alloy 400
14	Spring pad	316 SS	Alloy 400
15	Body packing ring	PTFE	PTFE
16	Packing backup ring	PTFE	PTFE
17	Spring	Elgiloy Alloy	Elgiloy Alloy
18	Body insert	316 SS	Alloy 400
19	Sliding hooks with spring ring	316 SS	Alloy 400
20	Spring	316 SS	Alloy X-750
21	Body valve cap 2	316 SS	Alloy 400
22	Roundwire snap rings for shaft	316 SS	Alloy X-750
23	Body	Xylan-coated 316 SS	Xylan-coated alloy 400
24	Locking block	316 SS	Alloy 400
25	Threaded connecting ring	316 SS	Alloy 400
26	Retaining ring	316 SS	Alloy 400
27	Body bolt	316 SS	Alloy 400
28	Body valve cap 1	316 SS	Alloy 400
29	Body valve seal ring	PTFE	PTFE
30	Lubricants	PTFE-based	PTFE-based

Spillage and Air Inclusion

DESO only

Series	Spillage cm ³	Air Inclusion cm ³
QTM2	0.1	0.1
QTM4	0.2	0.4
QTM8	1.0	2.0

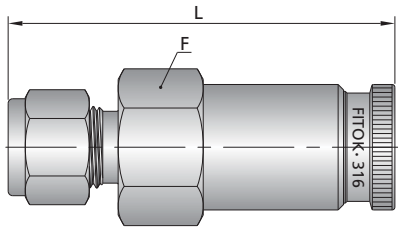
Insertion Depth

Series	Depth in. (mm)
QTM2	1.26 (32.1)
QTM4	0.95 (24.0)
QTM8	1.15 (29.1)

Dimensions

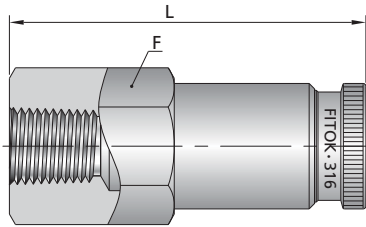
DESO Stems

Tube Fitting



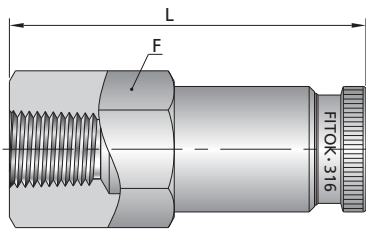
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/4	-QTM2-FL4-D	0.6	2.02 (51.3)	5/8
1/4	-QTM4-FL4-D	0.8	2.61 (66.3)	15/16
3/8	-QTM2-FL6-D	0.8	2.08 (52.8)	11/16
3/8	-QTM4-FL6-D	1.6	2.67 (67.8)	15/16
1/2	-QTM8-FL8-D	3.1	3.06 (77.7)	1 5/16
3/4	-QTM8-FL12-D	6.5	3.06 (77.7)	1 5/16
1	-QTM8-FL16-D	7.8	3.27 (83.1)	1 3/8
mm			mm (in.)	mm
6	-QTM2-ML6-D	0.6	51.3 (2.02)	16
6	-QTM4-ML6-D	0.8	66.3 (2.61)	24
8	-QTM2-ML8-D	0.8	53.1 (2.09)	11/16 in.
10	-QTM4-ML10-D	1.6	68.1 (2.68)	24
12	-QTM8-ML12-D	3.1	77.7 (3.06)	35

Female NPT



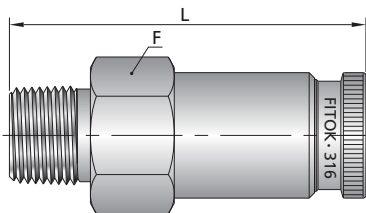
NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/8	-QTM2-FNS2-D	0.7	1.73 (43.9)	5/8
1/4	-QTM2-FNS4-D	0.7	2.04 (51.8)	3/4
1/4	-QTM4-FNS4-D	1.4	2.36 (59.9)	15/16
3/8	-QTM2-FNS6-D	0.6	2.14 (54.4)	7/8
3/8	-QTM4-FNS6-D	1.7	2.48 (63.0)	15/16
1/2	-QTM8-FNS8-D	4.4	2.66 (67.6)	1 5/16
3/4	-QTM8-FNS12-D	7.8	2.66 (67.6)	1 5/16
1	-QTM8-FNS16-D	—	3.17 (80.5)	1 5/8

Female BSPT



BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/8	-QTM2-FRT2-D	0.7	1.73 (43.9)	5/8
1/4	-QTM2-FRT4-D	0.7	2.04 (51.8)	3/4
1/4	-QTM4-FRT4-D	1.4	2.36 (59.9)	15/16
3/8	-QTM2-FRT6-D	0.6	2.14 (54.4)	7/8
3/8	-QTM4-FRT6-D	1.7	2.48 (63.0)	15/16
1/2	-QTM8-FRT8-D	4.4	2.66 (67.6)	1 5/16
3/4	-QTM8-FRT12-D	7.8	2.66 (67.6)	1 5/16
1	-QTM8-FRT16-D	—	3.17 (80.5)	1 5/8

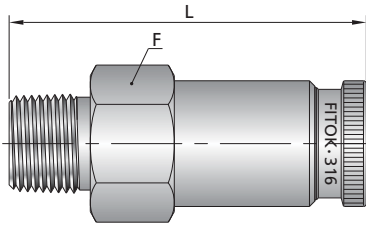
Male NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L in. (mm)	F in.
1/4	-QTM2-NS4-D	0.2	1.91 (48.5)	5/8
1/4	-QTM4-NS4-D	1.4	2.46 (62.5)	15/16
3/8	-QTM2-NS6-D	0.6	2.04 (51.8)	3/4
3/8	-QTM4-NS6-D	1.7	2.46 (62.5)	15/16
1/2	-QTM8-NS8-D	4.4	2.78 (70.6)	1 5/16
3/4	-QTM8-NS12-D	7.8	2.78 (70.6)	1 5/16
1	-QTM8-NS16-D	—	3.03 (77.0)	1 3/8

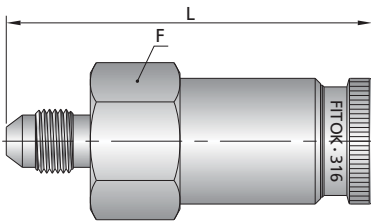
D-48 Quick-connects

Male BSPT



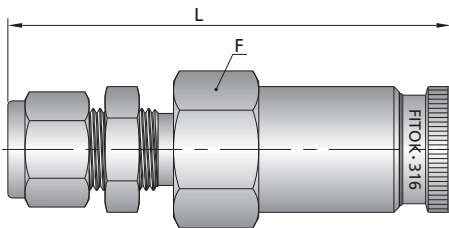
BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/4	-QTM2-RT4-D	0.2	1.91 (48.5)	5/8
1/4	-QTM4-RT4-D	1.4	2.46 (62.5)	15/16
3/8	-QTM2-RT6-D	0.6	2.04 (51.8)	3/4
3/8	-QTM4-RT6-D	1.7	2.46 (62.5)	15/16
1/2	-QTM8-RT8-D	4.4	2.78 (70.6)	1 5/16
3/4	-QTM8-RT12-D	7.8	2.78 (70.6)	1 5/16
1	-QTM8-RT16-D	—	3.03 (77.0)	1 3/8

Male JIC (AN) 37° Flare



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/4	-QTM4-AN4-D	—	2.52 (64.0)	15/16
1/2	-QTM8-AN8-D	2.7	2.46 (70.6)	1 5/16

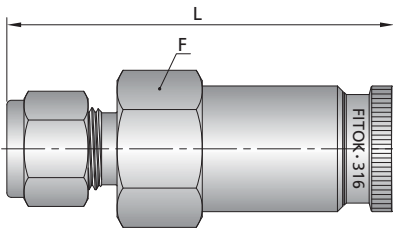
Bulkhead Tube Fitting



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		Min. Panel Orifice in. (mm)	Max. Panel Thickness in. (mm)
			L	F		
			in. (mm)	in.		
1/4	-QTM4-BFL4-D	0.8	3.05 (77.5)	15/16	0.46 (11.7)	0.15 (3.8)
3/8	-QTM4-BFL6-D	1.6	3.05 (77.5)	15/16	0.58 (14.7)	0.15 (3.8)
1/2	-QTM8-BFL8-D	3.1	3.54 (89.9)	1 5/16	0.77 (19.6)	0.19 (4.8)
mm	—	—	mm (in.)	mm	mm (in.)	mm (in.)
6	-QTM4-BML6-D	0.8	77.5 (3.05)	24	11.7 (0.46)	3.8 (0.15)
10	-QTM4-BML10-D	1.6	77.7 (3.06)	24	16.8 (0.66)	3.8 (0.15)
12	-QTM8-BML12-D	3.1	89.9 (3.54)	35	19.6 (0.77)	4.8 (0.19)

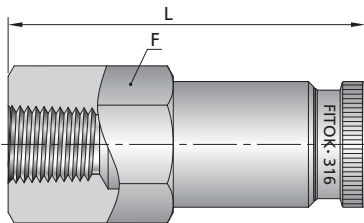
SESO Stem

Tube Fitting



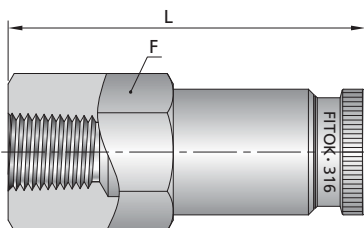
Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/4	-QTM2-FL4-S	0.7	2.02 (51.3)	5/8
1/4	-QTM4-FL4-S	0.9	2.61 (66.3)	15/16
3/8	-QTM2-FL6-S	0.9	2.08 (52.8)	11/16
3/8	-QTM4-FL6-S	1.7	2.67 (67.8)	15/16
1/2	-QTM8-FL8-S	4.2	3.06 (77.7)	1 5/16
3/4	-QTM8-FL12-S	6.7	3.06 (77.7)	1 5/16
1	-QTM8-FL16-S	9.0	3.27 (83.1)	1 3/8
6	-QTM2-ML6-S	0.7	51.3 (2.02)	16
6	-QTM4-ML6-S	0.9	66.3 (2.61)	24
8	-QTM2-ML8-S	0.9	53.1 (2.09)	11/16 in.
10	-QTM4-ML10-S	1.7	68.1 (2.68)	24
12	-QTM8-ML12-S	4.2	77.7 (3.06)	35

Female NPT



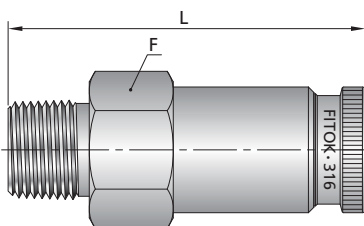
NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/8	-QTM2-FNS2-S	0.7	1.73 (43.9)	5/8
1/4	-QTM2-FNS4-S	0.7	2.04 (51.8)	3/4
1/4	-QTM4-FNS4-S	1.4	2.36 (59.9)	15/16
3/8	-QTM2-FNS6-S	0.7	2.14 (54.4)	7/8
3/8	-QTM4-FNS6-S	1.8	2.48 (63.0)	15/16
1/2	-QTM8-FNS8-S	5.1	2.66 (67.6)	1 5/16
3/4	-QTM8-FNS12-S	8.5	2.66 (67.6)	1 5/16
1	-QTM8-FNS16-S	—	3.17 (80.5)	1 5/8

Female BSPT



BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/8	-QTM2-FRT2-S	0.7	1.73 (43.9)	5/8
1/4	-QTM2-FRT4-S	0.7	2.04 (51.8)	3/4
1/4	-QTM4-FRT4-S	1.4	2.36 (59.9)	15/16
3/8	-QTM2-FRT6-S	0.7	2.14 (54.4)	7/8
3/8	-QTM4-FRT6-S	1.8	2.48 (63.0)	15/16
1/2	-QTM8-FRT8-S	5.1	2.66 (67.6)	1 5/16
3/4	-QTM8-FRT12-S	8.5	2.66 (67.6)	1 5/16
1	-QTM8-FRT16-S	—	3.17 (80.5)	1 5/8

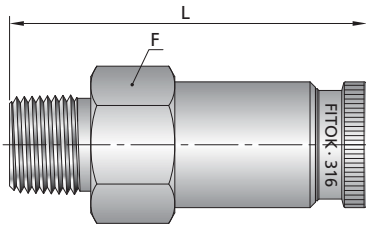
Male NPT



NPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/4	-QTM2-NS4-S	0.2	1.91 (48.5)	5/8
1/4	-QTM4-NS4-S	1.4	2.46 (62.5)	15/16
3/8	-QTM2-NS6-S	0.7	2.04 (51.8)	3/4
3/8	-QTM4-NS6-S	1.8	2.46 (62.5)	15/16
1/2	-QTM8-NS8-S	5.1	2.78 (70.6)	1 5/16
3/4	-QTM8-NS12-S	8.5	2.78 (70.6)	1 5/16
1	-QTM8-NS16-S	—	3.03 (77.0)	1 3/8

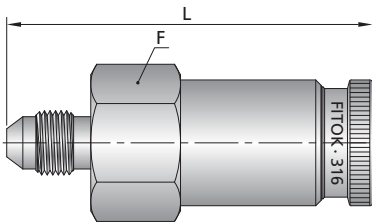
D-50 Quick-connects

Male BSPT



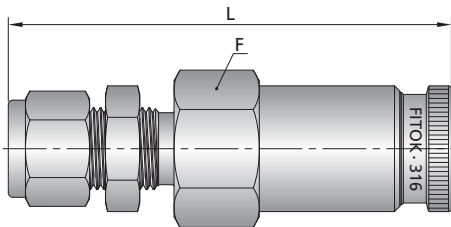
BSPT Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/4	-QTM2-RT4-S	0.2	1.91 (48.5)	5/8
1/4	-QTM4-RT4-S	1.4	2.46 (62.5)	15/16
3/8	-QTM2-RT6-S	0.7	2.04 (51.8)	3/4
3/8	-QTM4-RT6-S	1.8	2.46 (62.5)	15/16
1/2	-QTM8-RT8-S	5.1	2.78 (70.6)	1 5/16
3/4	-QTM8-RT12-S	8.5	2.78 (70.6)	1 5/16
1	-QTM8-RT16-S	—	3.03 (77.0)	1 3/8

Male JIC(AN) 37° Flare



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions	
			L	F
			in. (mm)	in.
1/4	-QTM4-AN4-S	—	2.52 (64.0)	15/16
1/2	-QTM8-AN8-S	4.2	2.46 (70.6)	1 5/16

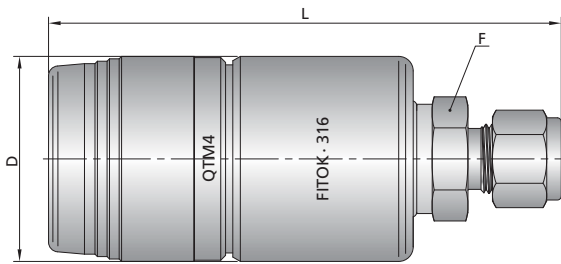
Bulkhead Tube Fitting



Fitting Size in.	Basic Ordering Number	Flow Coefficient (Cv)	Dimensions		Min. Panel Orifice	Max. Panel Thickness
			L	F		
			in. (mm)	in.		
1/4	-QTM4-BFL4-S	0.9	3.05 (77.5)	15/16	0.46 (11.7)	0.15 (3.8)
3/8	-QTM4-BFL6-S	1.7	3.05 (77.5)	15/16	0.58 (14.7)	0.15 (3.8)
1/2	-QTM8-BFL8-S	4.2	3.54 (89.9)	1 5/16	0.77 (19.6)	0.19 (4.8)
mm	—	—	mm (in.)	mm	mm (in.)	mm (in.)
6	-QTM4-BML6-S	0.9	77.5 (3.05)	24	11.7 (0.46)	3.8 (0.15)
10	-QTM4-BML10-S	1.7	77.7 (3.06)	24	16.8 (0.66)	3.8 (0.15)
12	-QTM8-BML12-S	4.2	89.9 (3.54)	35	19.6 (0.77)	4.8 (0.19)

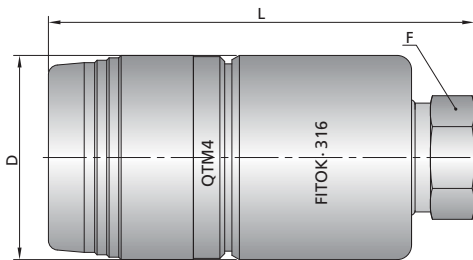
Bodies

Tube Fitting



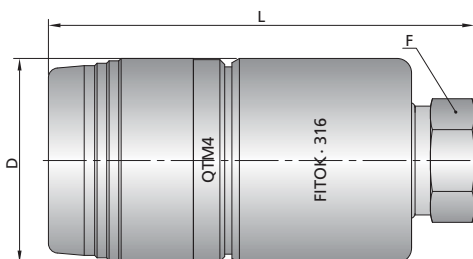
Fitting Size in.	Basic Ordering Number	Dimensions		
		L	D	F
		in. (mm)	in. (mm)	in.
1/4	-QTM2-FL4-B	3.16 (80.3)	1.12 (28.4)	9/16
1/4	-QTM4-FL4-B	4.17 (106)	1.68 (42.7)	7/8
3/8	-QTM2-FL6-B	3.25 (82.6)	1.12 (28.4)	3/4
3/8	-QTM4-FL6-B	4.17 (106)	1.68 (42.7)	7/8
1/2	-QTM8-FL8-B	4.30 (109)	2.00 (50.8)	1 1/8
3/4	-QTM8-FL12-B	4.30 (109)	2.00 (50.8)	1 1/8
1	-QTM8-FL16-B	4.58 (116)	2.00 (50.8)	1 3/8
mm			mm (in.)	mm
6	-QTM2-ML6-B	80.3 (3.16)	28.4 (1.12)	15
6	-QTM4-ML6-B	106 (4.17)	42.7 (1.68)	24
8	-QTM2-ML8-B	80.3 (3.16)	28.4 (1.12)	15
10	-QTM4-ML10-B	106 (4.17)	42.7 (1.68)	24
12	-QTM8-ML12-B	109 (4.30)	50.8 (2.00)	30

Female NPT



NPT Size in.	Basic Ordering Number	Dimensions		
		L	D	F
		in. (mm)	in. (mm)	in.
1/8	-QTM2-FNS2-B	2.60 (66.0)	1.12 (28.4)	9/16
1/4	-QTM2-FNS4-B	2.99 (75.9)	1.12 (28.4)	3/4
1/4	-QTM4-FNS4-B	3.35 (85.1)	1.68 (42.7)	7/8
3/8	-QTM2-FNS6-B	3.04 (77.2)	1.12 (28.4)	7/8
3/8	-QTM4-FNS6-B	3.35 (85.1)	1.68 (42.7)	7/8
1/2	-QTM8-FNS8-B	3.53 (89.7)	2.00 (50.8)	1 1/8
3/4	-QTM8-FNS12-B	4.02 (102)	2.00 (50.8)	1 5/16
1	-QTM8-FNS16-B	4.40 (112)	2.00 (50.8)	1 5/8

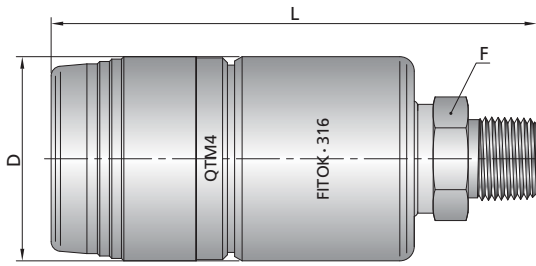
Female BSPT



BSPT Size in.	Basic Ordering Number	Dimensions		
		L	D	F
		in. (mm)	in. (mm)	in.
1/8	-QTM2-FRT2-B	2.60 (66.0)	1.12 (28.4)	9/16
1/4	-QTM2-FRT4-B	2.99 (75.9)	1.12 (28.4)	3/4
1/4	-QTM4-FRT4-B	3.35 (85.1)	1.68 (42.7)	7/8
3/8	-QTM2-FRT6-B	3.04 (77.2)	1.12 (28.4)	7/8
3/8	-QTM4-FRT6-B	3.35 (85.1)	1.68 (42.7)	7/8
1/2	-QTM8-FRT8-B	3.53 (89.7)	2.00 (50.8)	1 1/8
3/4	-QTM8-FRT12-B	4.02 (102)	2.00 (50.8)	1 5/16
1	-QTM8-FRT16-B	4.40 (112)	2.00 (50.8)	1 5/8

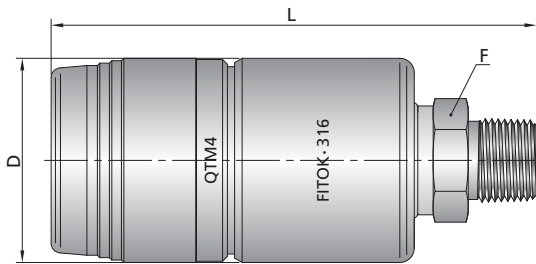
D-52 Quick-connects

Male NPT



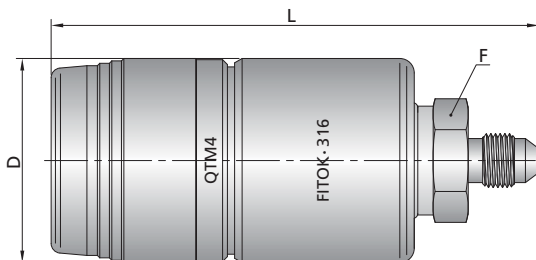
NPT Size in.	Basic Ordering Number	Dimensions		
		L in. (mm)	D in. (mm)	F in.
1/4	-QTM2-NS4-B	3.02 (76.7)	1.12 (28.4)	9/16
1/4	-QTM4-NS4-B	3.89 (98.8)	1.68 (42.7)	7/8
3/8	-QTM2-NS6-B	3.07 (78.0)	1.12 (28.4)	3/4
3/8	-QTM4-NS6-B	3.97 (100.8)	1.68 (42.7)	7/8
1/2	-QTM8-NS8-B	4.20 (107)	2.00 (50.8)	1 1/8
3/4	-QTM8-NS12-B	4.19 (106)	2.00 (50.8)	1 1/8
1	-QTM8-NS16-B	4.48 (114)	2.00 (50.8)	1 3/8

Male BSPT



BSPT Size in.	Basic Ordering Number	Dimensions		
		L in. (mm)	D in. (mm)	F in.
1/4	-QTM2-RT4-B	3.02 (76.7)	1.12 (28.4)	9/16
1/4	-QTM4-RT4-B	3.89 (98.8)	1.68 (42.7)	7/8
3/8	-QTM2-RT6-B	3.07 (78.0)	1.12 (28.4)	3/4
3/8	-QTM4-RT6-B	3.97 (100.8)	1.68 (42.7)	7/8
1/2	-QTM8-RT8-B	4.20 (107)	2.00 (50.8)	1 1/8
3/4	-QTM8-RT12-B	4.19 (106)	2.00 (50.8)	1 1/8
1	-QTM8-RT16-B	4.48 (114)	2.00 (50.8)	1 3/8

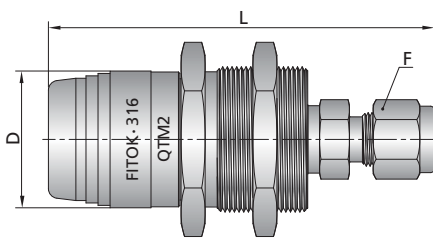
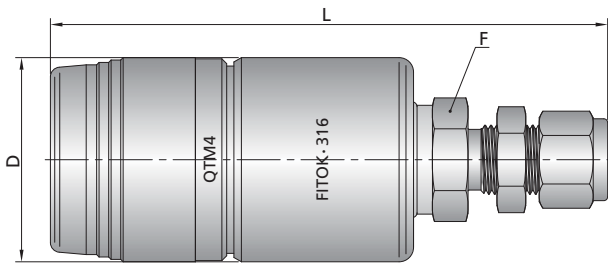
Male JIC (AN) 37° Flare



Fitting Size in.	Basic Ordering Number	Dimensions		
		L in. (mm)	D in. (mm)	F in.
1/4	-QTM4-AN4-B	3.89 (98.8)	1.68 (42.7)	7/8
1/2	-QTM8-AN8-B	4.20 (107)	2.00 (50.8)	1 1/8

Bulkhead Bodies

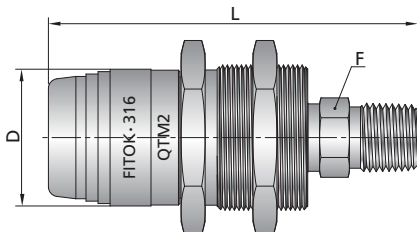
Bulkhead Tube Fitting



QTM2 Integral Bulkhead

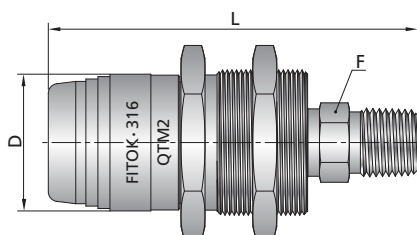
Fitting Size	Basic Ordering Number	Dimensions			Min. Panel Orifice	Max. Panel Thickness
		L	D	F		
1/4 in.	-QTM2-BFL4-B	3.16 (80.3)	1.12 (28.4)	9/16	1.20 (30.6)	0.65 (16.5)
1/4 in.	-QTM4-BFL4-B	4.42 (112)	1.68 (42.7)	7/8	0.46 (11.7)	0.15 (3.8)
3/8 in.	-QTM4-BFL6-B	4.51 (115)	1.68 (42.7)	7/8	0.58 (14.7)	0.15 (3.8)
1/2 in.	-QTM8-BFL8-B	4.78 (121)	2.00 (50.8)	1 1/8	0.77 (19.6)	0.19 (4.8)
mm		mm (in.)	mm (in.)	mm	mm (in.)	mm (in.)
6	-QTM2-BML6-B	80.3 (3.16)	28.4 (1.12)	15	30.6 (1.20)	16.5 (0.65)
6	-QTM4-BML6-B	112 (4.42)	42.7 (1.68)	24	11.7 (0.46)	3.8 (0.15)
10	-QTM4-BML10-B	115 (4.52)	42.7 (1.68)	24	16.8 (0.66)	3.8 (0.15)
12	-QTM8-BML12-B	121 (4.77)	50.8 (2.00)	30	19.6 (0.77)	4.8 (0.19)

Bulkhead Male NPT



NPT Size	Basic Ordering Number	Dimensions			Min. Panel Orifice	Max. Panel Thickness
		L	D	F		
1/4 in.	-QTM2-BNS4-B	3.02 (76.7)	1.12 (28.4)	9/16	1.20 (30.6)	0.65 (16.5)

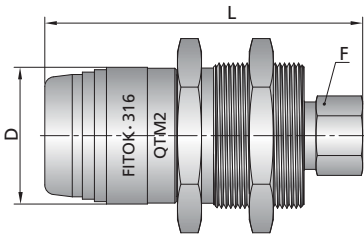
Bulkhead Male NPT



NPT Size	Basic Ordering Number	Dimensions			Min. Panel Orifice	Max. Panel Thickness
		L	D	F		
1/4 in.	-QTM2-BRT4-B	3.02 (76.7)	1.12 (28.4)	9/16	1.20 (30.6)	0.65 (16.5)

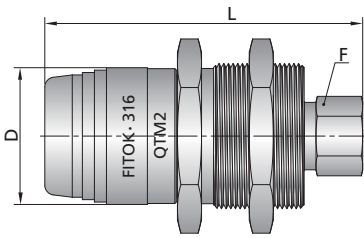
D-54 Quick-connects

Bulkhead Female NPT



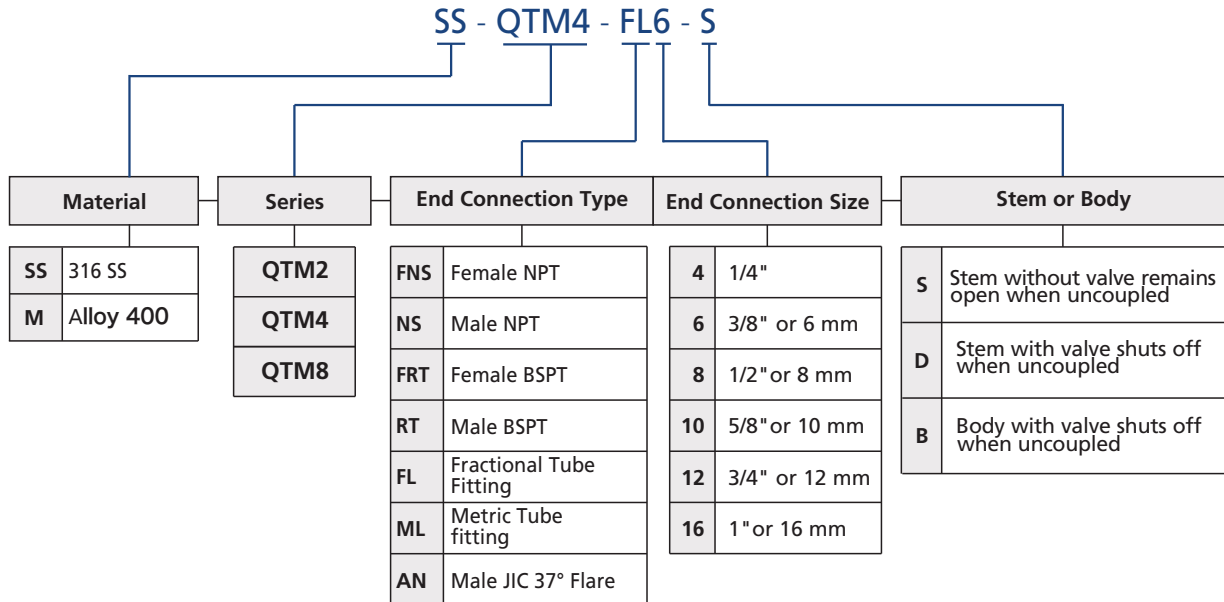
NPT Size in.	Basic Ordering Number	Dimensions			Min. Panel Orifice in. (mm)	Max. Panel Thickness in. (mm)
		L in. (mm)	D in. (mm)	F in.		
1/8	-QTM2-BFNS2-B	2.60 (66.0)	1.12 (28.4)	9/16	1.20 (30.6)	0.65 (16.5)
1/4	-QTM2-BFNS4-B	2.96 (75.2)	1.12 (28.4)	3/4	1.20 (30.6)	0.65 (16.5)

Bulkhead Female BSPT



BSPT Size in.	Basic Ordering Number	Dimensions			Min. Panel Orifice in. (mm)	Max. Panel Thickness in. (mm)
		L in. (mm)	D in. (mm)	F in.		
1/8	-QTM2-BFRT2-B	2.60 (66.0)	1.12 (28.4)	9/16	1.20 (30.6)	0.65 (16.5)
1/4	-QTM2-BFRT4-B	2.96 (75.2)	1.12 (28.4)	3/4	1.20 (30.6)	0.65 (16.5)

Ordering Number Description



Note: 1. "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.

2. Dimensions are for reference only and are subject to change.