

Быстроразъемные соединения QС2

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
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Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
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Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

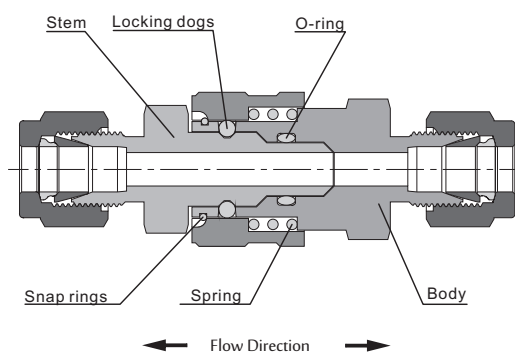
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
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Features

- ❖ Full flow without orifice restrictions
- ❖ Maximum working pressure up to 6000 psig (413 bar)
- ❖ Working temperature from -10°F to 400°F (-23°C to 204°C)
- ❖ O-ring is easily replaced without disassembling body
- ❖ Stainless steel and brass

Materials of Construction

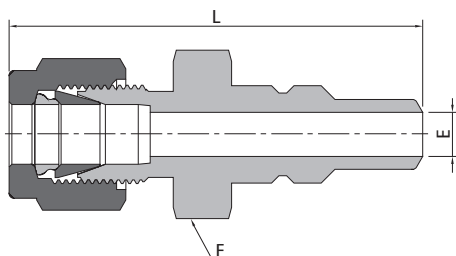


Component	Material	
	316 S.S.	Brass
Body, stem	316 S.S.	Brass C36000
O-rings	Fluorocarbon FKM	Buna N
Springs	316 S.S.	
Snap rings		
Locking ball		

Pressure-Temperature Ratings

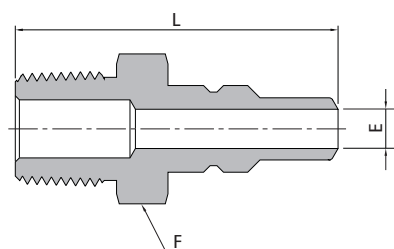
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Stems



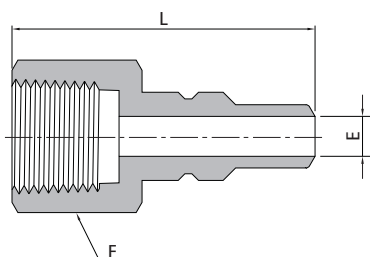
Tube Fitting

Tube Size in.	Basic Ordering Number	Flow Coefficient (Cv)	E in. (mm)	F in.	L in. (mm)
1/4	QC2-4-F4-S-	2.2	0.19 (4.8)	9/16	1.77 (45.0)
3/8	QC2-4-F6-S-	2.8	0.24 (6.1)	11/16	1.77 (45.0)
3/8	QC2-8-F6-S-	2.8	0.28 (7.1)	7/8	1.88 (47.8)
1/2	QC2-8-F8-S-	13.0	0.41 (10.4)	7/8	1.99 (50.5)
3/4	QC2-12-F12-S-	26.0	0.62 (15.7)	1 1/16	2.15 (54.6)
1	QC2-16-F16-S-	45.0	0.88 (22.4)	1 3/8	2.45 (62.2)
mm	Basic Ordering Number	Flow Coefficient (Cv)	(mm) in.	mm	(mm) in.
6	QC2-4-M6-S-	2.2	4.8 (0.19)	15	45.0 (1.77)
10	QC2-8-M10-S-	2.8	7.1 (0.28)	22	48.5 (1.91)
12	QC2-8-M12-S-	13.0	9.5 (0.37)	22	51.3 (2.02)
20	QC2-12-M20-S-	26.0	15.7 (0.62)	30	54.6 (2.15)
25	QC2-16-M25-S-	45.0	22.4 (0.88)	36	63.5 (2.50)



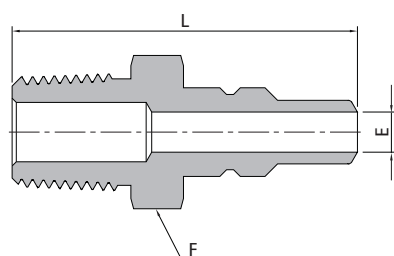
Male NPT

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	E in. (mm)	F in.	L in. (mm)
1/4	QC2-4-NPT4-S-	1.7	0.24 (6.1)	9/16	1.59 (40.4)
3/8	QC2-4-NPT6-S-	1.7	0.24 (6.1)	11/16	1.59 (40.4)
3/8	QC2-8-NPT6-S-	7.1	0.41 (10.4)	7/8	1.65 (41.9)
1/2	QC2-8-NPT8-S-	11.5	0.50 (12.7)	7/8	1.84 (46.7)
3/4	QC2-12-NPT12-S-	23.6	0.72 (18.3)	1 1/16	2.03 (51.6)
1	QC2-16-NPT16-S-	39.0	0.88 (22.4)	1 3/8	2.35 (59.7)



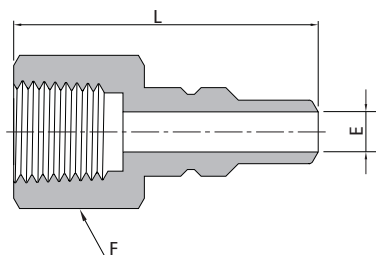
Female NPT

NPT Size	Basic Ordering Number	Flow Coefficient (Cv)	E in. (mm)	F in.	L in. (mm)
1/4	QC2-4-FNPT4-S-	1.7	0.24 (6.1)	3/4	1.60 (40.6)
3/8	QC2-4-FNPT6-S-	1.7	0.24 (6.1)	7/8	1.67 (42.4)
3/8	QC2-8-FNPT6-S-	7.1	0.41 (10.4)	1 1/16	1.59 (40.4)
1/2	QC2-8-FNPT8-S-	11.5	0.50 (12.7)	1 1/16	1.82 (46.2)
3/4	QC2-12-FNPT12-S-	23.6	0.72 (18.3)	1 5/16	2.08 (52.8)
1	QC2-16-FNPT16-S-	39.0	0.88 (22.4)	1 5/8	2.49 (63.2)



Male BSPT

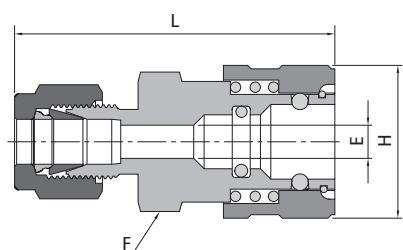
BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	E in. (mm)	F in.	L in. (mm)
1/4	QC2-4-MBT4-S-	1.7	0.24 (6.1)	9/16	1.59 (40.4)
3/8	QC2-4-MBT6-S-	1.7	0.24 (6.1)	11/16	1.59 (40.4)
3/8	QC2-8-MBT6-S-	7.1	0.41 (10.4)	7/8	1.65 (41.9)
1/2	QC2-8-MBT8-S-	11.5	0.50 (12.7)	7/8	1.84 (46.7)
3/4	QC2-12-MBT12-S-	23.6	0.72 (18.3)	1 1/16	2.03 (51.6)
1	QC2-16-MBT16-S-	39.0	0.88 (22.4)	1 3/8	2.35 (59.7)



Female BSPT

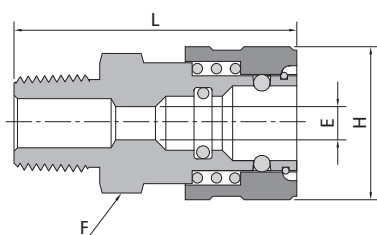
BSPT Size	Basic Ordering Number	Flow Coefficient (Cv)	E	F	L
			in. (mm)	in.	in. (mm)
1/4	QC2-4-FBT4-S-	1.7	0.24 (6.1)	3/4	1.60 (40.6)
3/8	QC2-4-FBT6-S-	1.7	0.24 (6.1)	7/8	1.67 (42.4)
3/8	QC2-8-FBT6-S-	7.1	0.41 (10.4)	1 1/16	1.59 (40.4)
1/2	QC2-8-FBT8-S-	11.5	0.50 (12.7)	1 1/16	1.82 (46.2)
3/4	QC2-12-FBT12-S-	23.6	0.72 (18.3)	1 5/16	2.08 (52.8)
1	QC2-16-FBT16-S-	39.0	0.88 (22.4)	1 5/8	2.49 (63.2)

Bodies



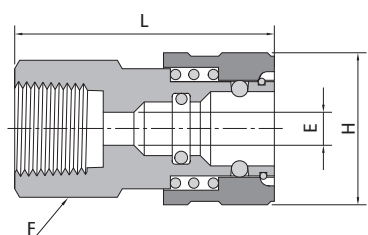
Tube Fitting

Tube Size	Basic Ordering Number	E	F	H	L
in.		in. (mm)	in.	in. (mm)	in. (mm)
1/4	QC2-4-F4-B-	0.19 (4.8)	11/16	0.87 (22.1)	1.80 (45.7)
3/8	QC2-4-F6-B-	0.28 (7.1)	11/16	0.87 (22.1)	1.81 (46.0)
3/8	QC2-8-F6-B-	0.28 (7.1)	1 1/16	1.30 (33.0)	2.17 (55.1)
1/2	QC2-8-F8-B-	0.47 (11.9)	1 1/16	1.30 (33.0)	2.23 (56.6)
3/4	QC2-12-F12-B-	0.62 (15.7)	1 1/2	1.66 (42.2)	2.45 (62.2)
1	QC2-16-F16-B-	0.88 (22.4)	1 11/16	1.88 (47.8)	2.75 (69.9)
mm	Basic Ordering Number	(mm) in.	mm	(mm) in.	(mm) in.
6	QC2-4-M6-B-	4.8 (0.19)	18	22.1 (0.87)	45.7 (1.80)
10	QC2-8-M10-B-	7.1 (0.28)	27	33.0 (1.30)	55.9 (2.20)
12	QC2-8-M12-B-	10.4 (0.41)	27	33.0 (1.30)	57.4 (2.26)
20	QC2-12-M20-B-	15.9 (0.63)	38	42.2 (1.66)	63.5 (2.50)
25	QC2-16-M25-B-	21.8 (0.86)	46	47.8 (1.88)	70.0 (2.76)



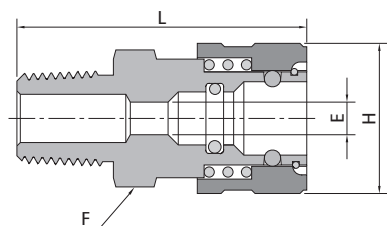
Male NPT

NPT Size	Basic Ordering Number	E	F	H	L
		in. (mm)	in.	in. (mm)	in. (mm)
1/4	QC2-4-NPT4-B-	0.25 (6.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	QC2-4-NPT6-B-	0.37 (9.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	QC2-8-NPT6-B-	0.41 (10.4)	1 1/16	1.30 (33.0)	1.83 (46.5)
1/2	QC2-8-NPT8-B-	0.50 (12.7)	1 1/16	1.30 (33.0)	2.08 (52.8)
3/4	QC2-12-NPT12-B-	0.72 (18.3)	1 1/2	1.66 (42.2)	2.33 (59.2)
1	QC2-16-NPT16-B-	0.88 (22.4)	1 11/16	1.88 (47.8)	2.65 (67.3)



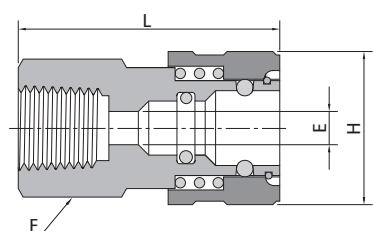
Female NPT

NPT Size	Basic Ordering Number	E	F	H	L
		in. (mm)	in.	in. (mm)	in. (mm)
1/4	QC2-4-FNPT4-B-	0.38 (9.7)	3/4	0.87 (22.1)	1.50 (38.1)
3/8	QC2-4-FNPT6-B-	0.38 (9.7)	7/8	0.87 (22.1)	1.63 (41.4)
3/8	QC2-8-FNPT6-B-	0.59 (15.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
1/2	QC2-8-FNPT8-B-	0.63 (16.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
3/4	QC2-12-FNPT12-B-	0.88 (22.4)	1 1/2	1.66 (42.2)	1.89 (48.0)
1	QC2-16-FNPT16-B-	1.06 (26.9)	1 11/16	1.88 (47.8)	2.12 (53.8)



Male BSPT

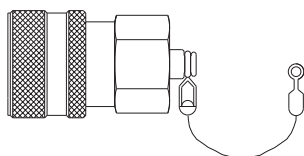
BSPT Size	Basic Ordering Number	E	F	H	L
		in. (mm)	in.	in. (mm)	in. (mm)
1/4	QC2-4-MBT4-B-	0.25 (6.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	QC2-4-MBT6-B-	0.37 (9.4)	11/16	0.87 (22.1)	1.57 (39.9)
3/8	QC2-8-MBT6-B-	0.41 (10.4)	1 1/16	1.30 (33.0)	1.83 (46.5)
1/2	QC2-8-MBT8-B-	0.50 (12.7)	1 1/16	1.30 (33.0)	2.08 (52.8)
3/4	QC2-12-MBT12-B-	0.72 (18.3)	1 1/2	1.66 (42.2)	2.33 (59.2)
1	QC2-16-MBT16-B-	0.88 (22.4)	1 11/16	1.88 (47.8)	2.65 (67.3)



Female BSPT

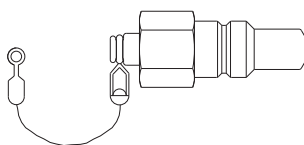
BSPT Size	Basic Ordering Number	E	F	H	L
		in. (mm)	in.	in. (mm)	in. (mm)
1/4	QC2-4-FBT4-B-	0.38 (9.7)	3/4	0.87 (22.1)	1.50 (38.1)
3/8	QC2-4-FBT6-B-	0.38 (9.7)	7/8	0.87 (22.1)	1.63 (41.4)
3/8	QC2-8-FBT6-B-	0.59 (15.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
1/2	QC2-8-FBT8-B-	0.63 (16.0)	1 1/16	1.30 (33.0)	1.73 (43.9)
3/4	QC2-12-FBT12-B-	0.88 (22.4)	1 1/2	1.66 (42.2)	1.89 (48.0)
1	QC2-16-FBT16-B-	1.06 (26.9)	1 11/16	1.88 (47.8)	2.12 (53.8)

Body Protector



Series	Basic Ordering Number
-4	QC2-4-BP-
-8	QC2-8-BP-
-12	QC2-12-BP-
-16	QC2-16-BP-

Stem Protector



Series	Basic Ordering Number
-4	QC2-4-SP-
-8	QC2-8-SP-
-12	QC2-12-SP-
-16	QC2-16-SP-

❖ To order a protector, add material designator (316 or Brass) as a prefix to the basic ordering number.
Example: QC2-4-SP-316

How to Order

QC2 — 8 — F8 — BS — 316

Series	Size	End Connection Type	End Connection Size	Stem or Body	Body Material
QC2	4	FNPT Female NPT	4 1/4 in.	S Stem	316 316 S.S
	8	NPT Male NPT	6 3/8 in. or 6 mm	B Body	316L 316L S.S
	12	FBT Female BSPT	8 1/2 in. or 8 mm	BS Stem + Body	304 304 S.S
	16	MBT Male BSPT	10 5/8 in. or 10 mm		304L 304L S.S
		FMS Female ISO 261	12 3/4 in. or 12 mm		BR Brass
		MS Male ISO 261 (for BG)	14 M14 x 1.5		
		F Fractional Tube Fitting	16 1 in. or 16 mm		
		M Metric Tube Fitting			
		MT Metri Tube Adapter			
		FT Fractional Tube Adapter			

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