

SAMPLE CYLINDER QUICK CONNECTS

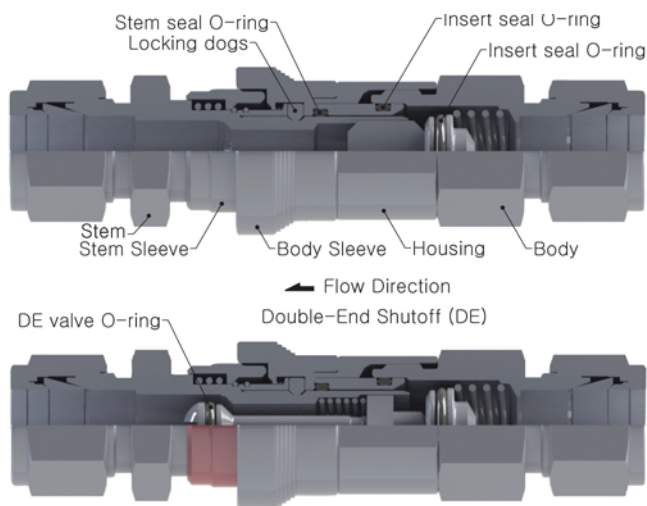


FEATURES:

- Quick and easy operation
- Couples without tools
- When coupled the valve opens automatically
- When uncoupled the valve closes automatically
- Single end (SE) stems are open while separated from the body
- Double-end (DE) stems are shut off while separated from the body

OPERATION:

- Coupling: After aligning the stem and body, push the stem into the body
- Uncoupling: Pull the body sleeve toward the stem and remove the stem from the body
- Coupling and uncoupling should be done at room temperature
- Periodically relube stem seal orings.



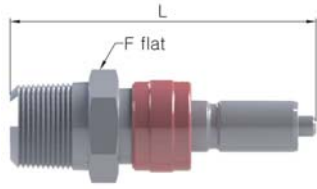
Materials of Construction	
Component	Material
Body, Body Insert, Body Sleeve Housing, Stem, and Valve	316L
DE Stem	316L-Urethane coated
SE Stem	316L
O-rings	FKM, FFKM, EPDM, NBR
Locking Dogs	Stainless Steel
Springs	Stainless Steel
Snap Rings	Stainless Steel

Pressure - Temperature Chart		
Material	316L	
Series	TVIQC4	TVIQC6
Temperature F (C)	Pressure Psig (Bar)	
Quick Connects - Coupled		
70 (20)	3000 (206)	1800 (103)
250 (121)	1850 (127)	970 (96.8)
300 (148)	1400 (96.4)	750 (51.6)
400 (204)	500 (34.4)	400 (27.5)
500 (34.4)	150 (10.3)	150 (10.3)
Quick Connects - Uncoupled or Open		
70 (20)	250 (17.2)	

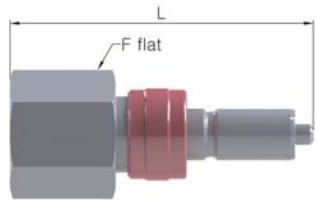
O-ring Materials & Temperature Range		
Designator	Material	Temperature Range
VT	FKM	10F(-23C) to 400F (204C)
KA	FFKM	60F (15C) to 500F (260C)
EP	EPDM	-50F (-45C) to 300F (148C)
NBR	NBR	0 F (-17C) to 250 F (121C)

Spillage, Air Inclusion & Maximum Flow Rate @ 70F (20C)			
Series	Spillage cm ³	Air Inclusion cm ³	Flow -H ₂ O- L/Min
TVIQC4	0.3	0.3	15
TVIQC6	1.0	1.0	22

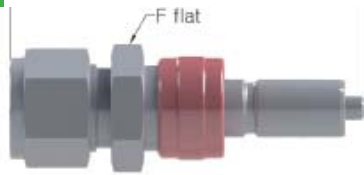
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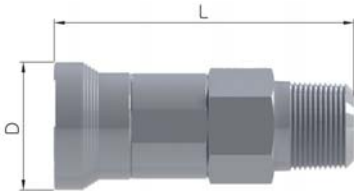
Fitting Size	Part Number		SERIES	Flow Coefficient (Cv)			Dimensions		
	SE	DE		SE	DE	Full Flow	"L" in inches		"F" in inches
							SE	DE	
1/4"	TQC4-S-4PM-SS	TQC4-D-4PM-SS	4	0.3	.02	.04	2.22	2.28	5/8



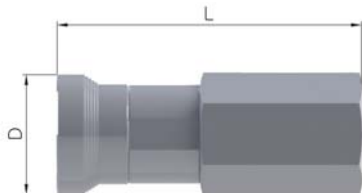
Fitting Size	Part Number		SERIES	Flow Coefficient (Cv)			Dimensions		
	SE	DE		SE	DE	Full Flow	"L" in inches		"F" in inches
							SE	DE	
1/4"	TQC4-S-4PF-SS	TQC4-D-4PF-SS	4	0.3	.02	.04	2.26	2.32	3/4



Fitting Size	Part Number		SERIES	Flow Coefficient (Cv)			Dimensions		
	SE	DE		SE	DE	Full Flow	"L" in inches		"F" in inches
							SE	DE	
1/4"	TQC4-S-400-SS	TQC4-D-400-SS	4	0.3	.02	.04	2.36	2.42	3/4



Fitting Size	PART NUMBER	Series	Dimensions	
			"L" in inches	"D" in inches
1/4"	TQC4-B-4PM-SS	4	2.16	0.91

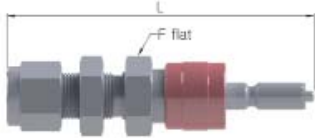


Fitting Size	PART NUMBER	Series	Dimensions	
			"L" in inches	"D" in inches
1/4"	TQC4-B-4PF-SS	4	2.42	0.91

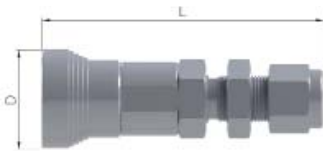


Fitting Size	PART NUMBER	Series	Dimensions	
			"L" in inches	"D" in inches
1/4"	TQC4-B-400-SS	4	2.30	0.91

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Fitting Size	PART NUMBER	Series	Dimensions	
			"L" in inches	"D" in inches
1/4"	TQC4-S1-400-SS	4	2.67	0.91

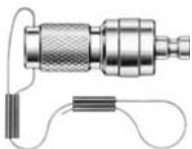


Fitting Size	PART NUMBER	Series	Dimensions	
			"L" in inches	"D" in inches
1/4"	TQC4-B1-400-SS	4	2.74	0.91



STEM PROTECTOR

PROTECTORS		
Series	Stem protector	Body Protector
4	TQC4-SP-SS	TQC4-BP-SS



BODY PROTECTOR