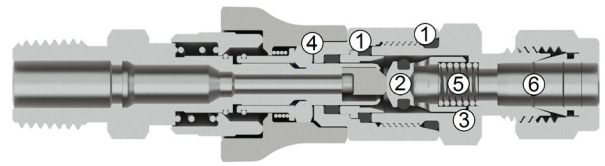


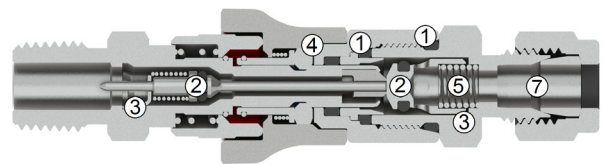
Design/Features

1. Redundant Viton O-ring Seals provide quick leak tight sealing in vacuum or pressure systems.
2. Dependable poppet valves with integral Viton O-ring seals are standard in all quick connect bodies and valved plugs.
3. Positive valve stops prevent flow checking in the quick connect. Valve guides improve reliability by providing precise alignment to the seat.
4. Smooth entrance and positive engagement, firmly gripping the plug, is insured by Teflon® bonded locking “dogs”.
5. All quick connect valve springs are made of 316 stainless steel.
6. Tylok CBC-Lok® double ferrule tube ends are completely interchangeable with Swagelok® and Parker A-Lok® tube ends.
7. Tylok CS-Lok® single ferrule tube ends are completely interchangeable with Parker CPI® tube ends.

SINGLE END SHUT OFF (SESO)



DOUBLE END SHUT OFF (DESO)



VACUUM SPECIFICATION

- 50 millitorr
- = 0.05mm of Hg, absolute pressure
- = -27.9 inches Hg, gauge pressure

TESTING

Tylok Quick Connect are 100% leak tested.

RATED WORKING PRESSURE, psi (bar)

Body Size	1/4"	3/8"
Connected Position	3000 (207)	1500 (103)
Disconnected Position	3000 (207)	1500 (103)
Connect Under Pressure	250 (17)	250 (17)

MATERIALS OF CONSTRUCTION

Machined Parts	Stainless Steel, ANSI Type 316
Springs & Retaining Rings	Stainless Steel, ANSI Type 316
Seals	Viton O-Rings, good from -15°F to 400°F
Seal Lubricant	Perfluoropolyether Based

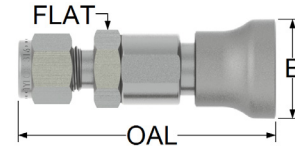
Instrumentation Quick Connect Cover Accessories

SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
DUST CAPS							
QC4	1/4	SS-QC4-C	1.65	(41.9)	0.92	(23.4)	5/8
QC6	3/8	SS-QC6-C	1.65	(41.9)	1.03	(26.2)	3/4

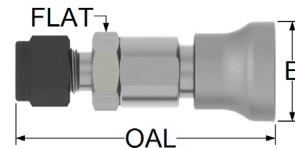
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
DUST PLUGS							
QC4	1/4	SS-QC4-P	1.88	(47.8)	0.62	(15.7)	9/16
QC6	3/8	SS-QC6-P	1.84	(46.7)	0.74	(18.8)	11/16

Instrumentation Quick Connect Bodies, Valved

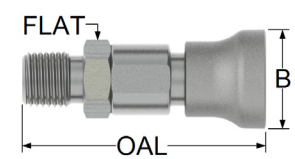
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CBC-LOK® TUBE FITTING END							
QC4	1/8	SS-QC4-B-2D	2.35	(59.7)	0.92	(23.4)	5/8
QC4	1/4	SS-QC4-B-4D	2.38	(60.5)	0.92	(23.4)	5/8
QC6	3/8	SS-QC6-B-6D	2.86	(72.6)	1.03	(26.2)	3/4



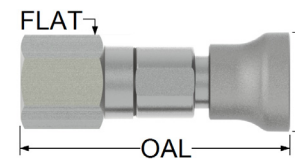
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CS-LOK® TUBE FITTING END							
QC4	1/8	SS-QC4-B-2S	2.34	(59.4)	0.92	(23.4)	5/8
QC4	1/4	SS-QC4-B-4S	2.39	(60.7)	0.92	(23.4)	5/8
QC6	3/8	SS-QC6-B-6S	2.87	(72.9)	1.03	(26.2)	3/4



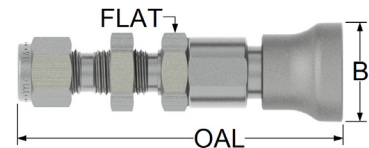
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
MALE PIPE END							
QC4	1/8	SS-QC4-B-2M	2.06	(52.3)	0.92	(23.4)	5/8
QC4	1/4	SS-QC4-B-4M	2.25	(57.2)	0.92	(23.4)	5/8
QC6	1/4	SS-QC6-B-4M	2.62	(66.5)	1.03	(26.2)	3/4
QC6	3/8	SS-QC6-B-6M	2.62	(66.5)	1.03	(26.2)	3/4



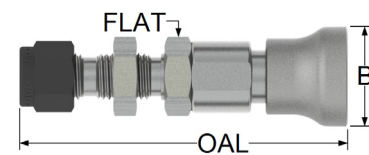
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
FEMALE PIPE END							
QC4	1/8	SS-QC4-B-2F	2.20	(55.9)	0.92	(23.4)	5/8
QC4	1/4	SS-QC4-B-4F	2.49	(63.2)	0.92	(23.4)	5/8
QC6	1/4	SS-QC6-B-4F	2.80	(71.1)	1.03	(26.2)	3/4
QC6	3/8	SS-QC6-B-6F	2.82	(71.6)	1.03	(26.2)	7/8



SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CBC-LOK® BULKHEAD TUBE FITTING END							
QC4	1/4	SS-QC4-B1-4S	3.00	(76.2)	0.92	(23.4)	5/8
QC6	3/8	SS-QC6-B1-6S	3.25	(82.6)	1.03	(26.2)	3/4

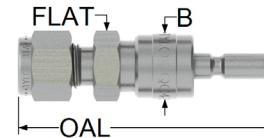


SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CS-LOK® BULKHEAD TUBE FITTING END							
QC4	1/4	SS-QC4-B1-4S	3.01	(76.5)	0.92	(23.4)	5/8
QC6	3/8	SS-QC6-B1-6S	3.26	(82.8)	1.03	(26.2)	3/4

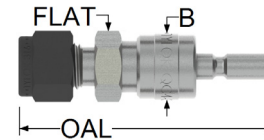


Instrumentation Quick Connect Plugs, Non Valved

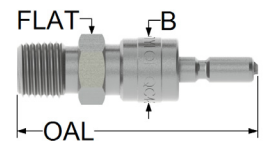
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CBC-LOK® TUBE FITTING END							
QC4	1/8	SS-QC4-S-2D	2.74	(69.6)	0.62	(15.7)	5/8
QC4	1/4	SS-QC4-S-4D	2.35	(59.7)	0.62	(15.7)	9/16
QC6	3/8	SS-QC6-S-6D	2.56	(65.0)	0.74	(18.8)	11/16



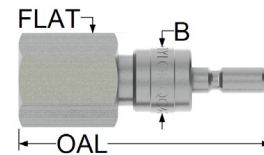
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CS-LOK® TUBE FITTING END							
QC4	1/8	SS-QC4-S-2S	2.73	(69.3)	0.62	(15.7)	5/8
QC4	1/4	SS-QC4-S-4S	2.36	(59.9)	0.62	(15.7)	9/16
QC6	3/8	SS-QC6-S-6S	2.57	(65.3)	0.74	(18.8)	11/16



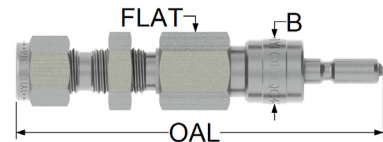
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
MALE PIPE END							
QC4	1/8	SS-QC4-S-2M	2.03	(51.6)	0.62	(15.7)	9/16
QC4	1/4	SS-QC4-S-4M	2.22	(56.4)	0.62	(15.7)	9/16
QC6	1/4	SS-QC6-S-4M	2.33	(59.2)	0.74	(18.8)	3/4
QC6	3/8	SS-QC6-S-6M	2.33	(59.2)	0.74	(18.8)	3/4



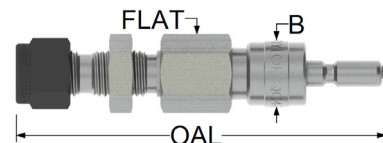
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
FEMALE PIPE END							
QC4	1/8	SS-QC4-S-2F	2.09	(53.1)	0.62	(15.7)	9/16
QC4	1/4	SS-QC4-S-4F	2.33	(59.2)	0.62	(15.7)	3/4
QC6	1/4	SS-QC6-S-4F	2.50	(63.5)	0.74	(18.8)	3/4
QC6	3/8	SS-QC6-S-6F	2.50	(63.5)	0.74	(18.8)	7/8



SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CBC-LOK® BULKHEAD TUBE FITTING END							
QC4	1/4	SS-QC4-S1-4D	3.39	(86.1)	0.62	(15.7)	5/8
QC6	3/8	SS-QC6-S1-6D	3.61	(91.7)	0.74	(18.8)	3/4

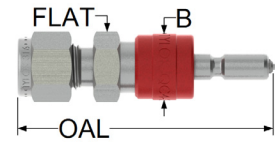


SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CS-LOK® BULKHEAD TUBE FITTING END							
QC4	1/4	SS-QC4-S1-4S	3.40	(86.4)	0.62	(15.7)	5/8
QC6	3/8	SS-QC6-S1-6S	3.62	(91.9)	0.74	(18.8)	3/4

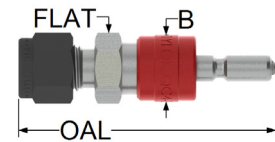


Instrumentation Quick Connect Plugs, Valved

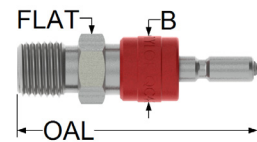
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CBC-LOK® TUBE FITTING END							
QC4	1/8	SS-QC4-D-2D	2.74	(69.6)	0.62	(15.7)	5/8
QC4	1/4	SS-QC4-D-4D	2.35	(59.7)	0.62	(15.7)	9/16
QC6	3/8	SS-QC6-D-6D	2.56	(65.0)	0.74	(18.8)	11/16



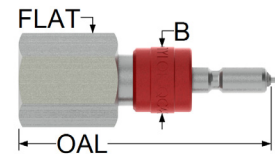
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CS-LOK® TUBE FITTING END							
QC4	1/8	SS-QC4-D-2S	2.73	(69.3)	0.62	(15.7)	5/8
QC4	1/4	SS-QC4-D-4S	2.36	(59.9)	0.62	(15.7)	9/16
QC6	3/8	SS-QC6-D-6S	2.57	(65.3)	0.74	(18.8)	11/16



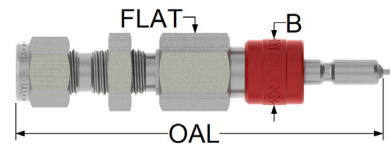
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
MALE PIPE END							
QC4	1/8	SS-QC4-D-2M	2.03	(51.6)	0.62	(15.7)	9/16
QC4	1/4	SS-QC4-D-4M	2.22	(56.4)	0.62	(15.7)	9/16
QC6	1/4	SS-QC6-D-4M	2.33	(59.2)	0.74	(18.8)	3/4
QC6	3/8	SS-QC6-D-6M	2.33	(59.2)	0.74	(18.8)	3/4



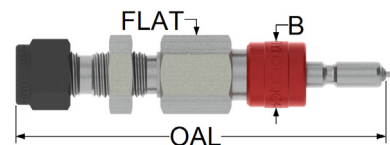
SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
FEMALE PIPE END							
QC4	1/8	SS-QC4-D-2F	2.09	(53.1)	0.62	(15.7)	9/16
QC4	1/4	SS-QC4-D-4F	2.33	(59.2)	0.62	(15.7)	3/4
QC6	1/4	SS-QC6-D-4F	2.50	(63.5)	0.74	(18.8)	3/4
QC6	3/8	SS-QC6-D-6F	2.50	(63.5)	0.74	(18.8)	7/8



SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CBC-LOK® BULKHEAD TUBE FITTING END							
QC4	1/4	SS-QC4-D1-4D	3.39	(86.1)	0.62	(15.7)	5/8
QC6	3/8	SS-QC6-D1-6D	3.61	(91.7)	0.74	(18.8)	3/4



SERIES	FITTING SIZE	ORDERING NUMBER	OAL		B		FLAT in.
			in.	(mm)	in.	(mm)	
CS-LOK® BULKHEAD TUBE FITTING END							
QC4	1/4	SS-QC4-D1-4S	3.40	(86.4)	0.62	(15.7)	5/8
QC6	3/8	SS-QC6-D1-6S	3.62	(91.9)	0.74	(18.8)	3/4



Quick Connects are ordered as listed in this catalog by providing the ordering number.
Special configurations available upon request.

Example #1

A stainless steel, QC4 series quick connect body with a 1/4" CBC-Lok® tube fitting end.

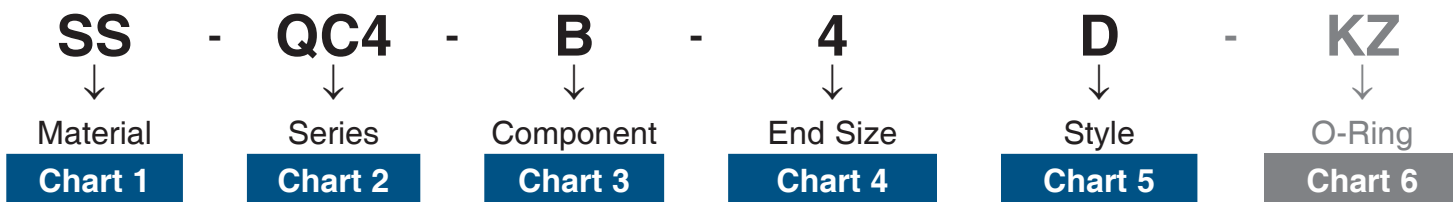


Chart 1 - Style

SS	Stainless Steel
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Chart 2 - Quick Coupler Series

QC4	4 Series (1/4")
QC6	6 Series (3/8")

Chart 3 - Coupler Component

B	Body
B1	Bulkhead Body
S	Non-Valved Plug
S1	Non-Valved Bulkhead Plug
D	Valved Plug
D1	Valved Bulkhead Plug
C	Dust Cap
P	Dust Plug

Chart 4 - End Size

2	1/8"
4	1/4"
6	3/8"

Chart 5 - Style

D	CBC-Lok
S	CS-Lok
1	Tylok Standard
M	Male NPT
F	Female NPT

Chart 6 - O-ring Options

	Viton® (Standard)
B	Buna N
E	EP
KZ	Kalrez®
N	Neoprene

Example #2: SS-QC6-D1-6S

A stainless steel, QC6 series, valved quick connect plug with a 3/8" CS-Lok® bulkhead tube fitting end.

Example #3: SS-QC6-S-4F

A stainless steel, QC6 series, non valved quick connect plug with a 1/4" female pipe thread end.



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REGISTRATIONS & TYPE APPROVALS

