

## QUICK RELEASE COUPLINGS

**Universal** Quick Release Couplings (Q.R.C.) ensures instant, positive and leakproof connections in services such as compressed air, hydraulic fluids, liquids, phosphoric acid, liquid ammonia, refrigerations, steam, vacuum, various gases, water and other applications, in a way, Q.R.C. body is made from carbon steel chrome plated/brass St. Steel 304 or 316, spring of SS304 / SS316, ball of steel / SS304 / SS316 / S.S. 316L, seal material of standard nitrile / silicon / hypalon / neoprene / viton with end connections as per requirements, suitable to withstand working pressure from 200psi. to 5000psi. and temperature from -25°C to 300°C with proper selection of body and seal materials.

### RANGE

- Through Type (QRC-T)
- Single Check Type (QRC-V)
- Double Check Type (QRC-VV)
- Sizes : 1/8"(3mm) to 4"(100mm)

End Connections : Socket welding, hose thread, pipe thread, hose shank and flanged.

*Works on simple principle, 'Push & Pull'.  
Requires no threading, no twisting, no tools, no strains.  
Fast connections without sweats.*

Sr. No.	SIZE	C	TYPE	A		C+A						Working Pressure PSI
				A	D	F	F1	L1	L2	L3		
1.	1/8"	QRC-T1	1/8" BSP	18	14	14	31	32	47	500		
2.	1/4"	QRC-T2	1/4" BSP	28	22	19	39	40	57	500		
3.	3/8"	QRC-T3	3/8" BSP	32	25	22	41	42	60	500		
4.	1/2"	QRC-T4	1/2" BSP	35	28	28	44	47	66	500		
5.	3/4"	QRC-T5	3/4" BSP	42	40	32	54	52	78	500		
6.	1"	QRC-T6	1" BSP	50	45	40	57	60	85	500		
7.	1-1/4"	QRC-T7	1-1/4" BSP	60	55	50	62	65	93	500		
8.	1-1/2"	QRC-T8	1-1/2" BSP	70	57	57	66	68	97	500		
9.	2"	QRC-T9	2" BSP	88	72	69	77	78	110	500		

Sr. No.	SIZE	C	TYPE	A		C+A						W.P. PSI
				A	D	F	F1	L1	L2	L3		
1.	1/8"	QRC-V 1	1/8" BSP	19	16	14	41	27	54	500		
2.	1/4"	QRC-V 2	1/4" BSP	24	21	19	53	33	70	500		
3.	3/8"	QRC-V 3	3/8" BSP	24	22	22	55	35	73	500		
4.	1/2"	QRC-V 4	1/2" BSP	34	28	28	68	42	89	500		
5.	3/4"	QRC-V 5	3/4" BSP	40	35	32	83	46	107	500		
6.	1"	QRC-V 6	1" BSP	42	50	40	84	50	111	500		
7.	1-1/4"	QRC-V 7	1-1/4" BSP	49	50	50	89	54	120	500		

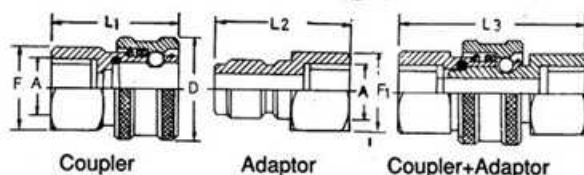
Sr. No.	SIZE	C	TYPE	A			C+A		WORKING PRESSURE PSI	TEST PRESSURE PSI
				L1 in mm	L2 in mm	L3 in mm	MAXIMUM DIAMETER IN MM			
1.	1/8" BSP	QRC-VV1		44	33	58	23	4000	6000	
2.	1/4" BSP	QRC-VV2		58	40	72	32	4000	6000	
3.	3/8" BSP	QRC-VV3		66	46	80	38	4000	6000	
4.	1/2" BSP	QRC-VV4		71	50	90	44	3500	5000	
5.	3/4" BSP	QRC-VV5		77	55	98	48	3000	4500	
6.	1" BSP	QRC-VV6		85	63	112	58	3000	4500	
7.	1-1/4" BSP	QRC-VV7		94	65	120	72	2000	3000	
8.	1-1/2" BSP	QRC-VV8		113	80	144	89	2000	3000	
9.	2" BSP	QRC-VV9		127	88	152	105	1000	2000	

\* Manufacture of other type & style undertaken for which please send old used specimen sample and details as indicated in min. information reqd. while sending enquiry be sent.

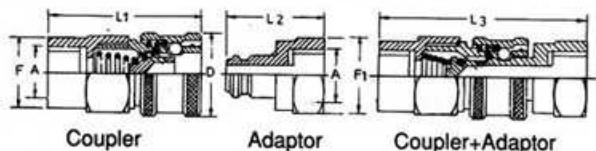
### Minimum Information Required While Sending Enquiry/Order

1. QRC type, say through type & so on.
2. Size i.e. 1/8" or 3/4" & so on.
3. Body material i.e. carbon steel or SS316 & so on.
4. Spring material i.e. SS304 or SS316 & so on.
5. Ball material i.e. SS304 or SS316L & so on.
6. Seal material i.e. nitrile or silicon & so on.
7. Coupler style & configuration i.e. male thread or female thread or hose & type BSP or NPT.
8. Adaptor Style & configuration.
9. Working pressure in psi or Kg/cm<sup>2</sup>.
10. Temp. range.
11. Application.
12. Quantity in nos.

Q.R.C. Through Type Design (QRC-T)



Q.R.C. Single Check Type Design (QRC-V)



Q.R.C. Double Check Type Design (QRC-VV)

