



The Right Connection®

HYDRAULIC COUPLINGS

V-Series Snap-Tite H/IH Interchange Valved Coupler (Female Threads)

FEATURES

- General purpose hydraulic quick-connect provides superior flow characteristics for a variety of applications

CONSTRUCTION

- Machined components are manufactured using solid bar stock
- Stainless steel balls, retaining rings and springs maximize corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximize service life.
- Tubular 'TV' valves are constructed from steel bar stock and are designed for optimum performance in pneumatic applications.
- Nitrile (Buna-N) seals are standard
- All couplers incorporate a PTFE anti-extrusion ring to protect the seal components from dynamic impulse damage.
- Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.

AVAILABLE OPTIONS

- Contact us for all available option adders
- Standard seal options include: FKM, EPDM, Steam-EP, FDA FKM, Mil-Nitrile, Fuel Nitrile and Silicone
- Kalrez® seal options include: 4079, 6375 and 7075
- Valve options include: Unvalved, tubular, steel, brass and 316 stainless steel
- Sleeve options include: Sleeve-lock, Flanged and Silicone-flanged
- Oxy-clean treatment is available

COMPATIBILITY & INTERCHANGE DATA

- Interchangeable to MIL-C-51234
- Interchangeable with Snap-Tite H/IH Series and Faster TNV

SIZE	PART NUMBER	THREADS	MATERIAL	Length		Maximum OD		HEX Inch	WEIGHT Lb
				Inch	mm	Inch	mm		
1/4"	2VF1	1/8"-27 NPTF	Steel	1.68	42.7	0.99	25.1	7/8"	0.22
1/4"	2VF2	1/4"-18 NPTF	Steel	1.68	42.7	0.99	25.1	7/8"	0.20
1/4"	2VF2-B	1/4"-18 NPTF	Brass	1.68	42.7	0.99	25.1	7/8"	0.20
1/4"	2VF2-SS	1/4"-18 NPTF	316 Stainless Steel	1.68	42.7	0.99	25.1	7/8"	0.20
1/4"	2VBF2	1/4"-19 BSPP	Steel	1.81	46.0	0.99	25.1	7/8"	0.20
1/4"	2VBF2-B	1/4"-19 BSPP	Brass	1.81	46.0	0.99	25.1	7/8"	0.20
1/4"	2VBF2-SS	1/4"-19 BSPP	316 Stainless Steel	1.81	46.0	0.99	25.1	7/8"	0.20
1/4"	2VOF2	7/16"-20 ORB	Steel	1.81	46.0	0.99	25.1	7/8"	0.23
3/8"	3VF3	3/8"-18 NPTF	Steel	1.94	49.3	1.18	30.0	1"	0.37
3/8"	3VF3-B	3/8"-18 NPTF	Brass	1.94	49.3	1.18	30.0	1"	0.37
3/8"	3VF3-SS	3/8"-18 NPTF	316 Stainless Steel	1.94	49.3	1.18	30.0	1"	0.38
3/8"	3VBF3	3/8"-19 BSPP	Steel	2.01	51.1	1.18	30.0	1"	0.37
3/8"	3VBF3-B	3/8"-19 BSPP	Brass	2.01	51.1	1.18	30.0	1"	0.37
3/8"	3VBF3-SS	3/8"-19 BSPP	316 Stainless Steel	2.01	51.1	1.18	30.0	1"	0.38
3/8"	3VOF3	9/16"-18 ORB	Steel	2.01	51.1	1.18	30.0	1"	0.40
3/8"	3VF4	1/2"-14 NPTF	Steel	2.01	51.1	1.18	30.0	1"	0.49
1/2"	4VF4	1/2"-14 NPTF	Steel	2.13	54.1	1.36	34.5	1 3/16"	0.49
1/2"	4VF4-B	1/2"-14 NPTF	Brass	2.13	54.1	1.36	34.5	1 3/16"	0.49
1/2"	4VF4-SS	1/2"-14 NPTF	316 Stainless Steel	2.13	54.1	1.36	34.5	1 3/16"	0.52
1/2"	4VBF4	1/2"-14 BSPP	Steel	2.13	54.1	1.36	34.5	1 3/16"	0.49
1/2"	4VBF4-B	1/2"-14 BSPP	Brass	2.13	54.1	1.36	34.5	1 3/16"	0.49
1/2"	4VBF4-SS	1/2"-14 BSPP	316 Stainless Steel	2.13	54.1	1.36	34.5	1 3/16"	0.52
1/2"	4VOF4	3/4"-16 ORB	Steel	2.13	54.1	1.36	34.5	1 3/16"	0.54
1/2"	4VF6	3/4"-14 NPTF	Steel	2.13	54.1	1.36	34.5	1 3/16"	0.58
3/4"	6VF6	3/4"-14 NPTF	Steel	2.47	62.7	1.67	42.4	1 1/2"	0.88
3/4"	6VF6-B	3/4"-14 NPTF	Brass	2.47	62.7	1.67	42.4	1 1/2"	0.88
3/4"	6VF6-SS	3/4"-14 NPTF	316 Stainless Steel	2.47	62.7	1.67	42.4	1 1/2"	0.94
3/4"	6VBF6	3/4"-14 BSPP	Steel	2.96	75.2	1.67	42.4	1 1/2"	0.88
3/4"	6VBF6-B	3/4"-14 BSPP	Brass	2.96	75.2	1.67	42.4	1 1/2"	0.88
3/4"	6VBF6-SS	3/4"-14 BSPP	316 Stainless Steel	2.96	75.2	1.67	42.4	1 1/2"	0.94
3/4"	6VOF6	1 1/16"-12 ORB	Steel	2.96	75.2	1.67	42.4	1 1/2"	0.99
1"	8VF8	1"-11 1/2 NPTF	Steel	2.70	68.6	2.06	52.3	1 7/8"	1.33
1"	8VF8-B	1"-11 1/2 NPTF	Brass	2.70	68.6	2.06	52.3	1 7/8"	1.33
1"	8VF8-SS	1"-11 1/2 NPTF	316 Stainless Steel	2.70	68.6	2.06	52.3	1 7/8"	1.33
1"	8VBF8	1"-11 BSPP	Steel	2.97	75.4	2.06	52.3	1 7/8"	1.33
1"	8VBF8-B	1"-11 BSPP	Brass	2.97	75.4	2.06	52.3	1 7/8"	1.33
1"	8VBF8-SS	1"-11 BSPP	316 Stainless Steel	2.97	75.4	2.06	52.3	1 7/8"	1.33
1"	8VOF8	1 5/16"-12 ORB	Steel	2.97	75.4	2.06	52.3	1 7/8"	1.42