



HYDRAULIC COUPLINGS

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

FEATURES

- General purpose hydraulic quick-connect provides superior flow characteristics with built-in reliability

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
- Snap-Tite H and Faster TNV

| SIZE | PART NUMBER | THREADS | MATERIAL | Length | | Maximum OD | | HEX Inch | WEIGHT Lb |
|--------|------------------|--------------------|---------------------|--------|-------|------------|------|----------|-----------|
| | | | | Inch | mm | Inch | mm | | |
| 1/4" | 2VM1 | 1/8"-27 NPTF | Steel | 2.12 | 53.8 | 0.99 | 25.1 | 7/8" | 0.21 |
| 1/4" | 2VM2 | 1/4"-18 NPTF | Steel | 2.12 | 53.8 | 0.99 | 25.1 | 7/8" | 0.23 |
| 1/4" | 2VM2-B | 1/4"-18 NPTF | Brass | 2.12 | 53.8 | 0.99 | 25.1 | 7/8" | 0.22 |
| 1/4" | 2VM2-SS | 1/4"-18 NPTF | 316 Stainless Steel | 2.12 | 53.8 | 0.99 | 25.1 | 7/8" | 0.23 |
| 3/8" | 3VM3 | 3/8"-18 NPTF | Steel | 2.32 | 58.9 | 1.18 | 30.0 | 1" | 0.24 |
| 3/8" | 3VM3-B | 3/8"-18 NPTF | Brass | 2.32 | 58.9 | 1.18 | 30.0 | 1" | 0.24 |
| 3/8" | 3VM3-SS | 3/8"-18 NPTF | 316 Stainless Steel | 2.32 | 58.9 | 1.18 | 30.0 | 1" | 0.26 |
| 1/2" | 4VM4 | 1/2"-14 NPTF | Steel | 2.54 | 64.5 | 1.36 | 34.5 | 1 3/16" | 0.48 |
| 1/2" | 4VM4-B | 1/2"-14 NPTF | Brass | 2.54 | 64.5 | 1.36 | 34.5 | 1 3/16" | 0.47 |
| 1/2" | 4VM4-SS | 1/2"-14 NPTF | 316 Stainless Steel | 2.54 | 64.5 | 1.36 | 34.5 | 1 3/16" | 0.47 |
| 3/4" | 6VM6 | 3/4"-14 NPTF | Steel | 3.07 | 78.0 | 1.67 | 42.4 | 1 1/2" | 0.92 |
| 3/4" | 6VM6-B | 3/4"-14 NPTF | Brass | 3.07 | 78.0 | 1.67 | 42.4 | 1 1/2" | 0.91 |
| 3/4" | 6VM6-SS | 3/4"-14 NPTF | 316 Stainless Steel | 3.07 | 78.0 | 1.67 | 42.4 | 1 1/2" | 0.91 |
| 1" | 8VM8 | 1"-11 1/2 NPTF | Steel | 3.32 | 84.3 | 2.06 | 52.3 | 1 7/8" | 1.35 |
| 1" | 8VM8-B | 1"-11 1/2 NPTF | Brass | 3.32 | 84.3 | 2.06 | 52.3 | 1 7/8" | 1.32 |
| 1" | 8VM8-SS | 1"-11 1/2 NPTF | 316 Stainless Steel | 3.32 | 84.3 | 2.06 | 52.3 | 1 7/8" | 1.38 |
| 1 1/4" | 10VM10 | 1 1/4"-11 1/2 NPTF | Steel | 3.59 | 91.2 | 2.19 | 55.6 | 2" | 1.84 |
| 1 1/4" | 10VM10-B | 1 1/4"-11 1/2 NPTF | Brass | 3.59 | 91.2 | 2.19 | 55.6 | 2" | 1.78 |
| 1 1/4" | 10VM10-SS | 1 1/4"-11 1/2 NPTF | 316 Stainless Steel | 3.59 | 91.2 | 2.19 | 55.6 | 2" | 1.79 |
| 1 1/2" | 12VM12 | 1 1/2"-11 1/2 NPTF | Steel | 4.01 | 101.9 | 2.74 | 69.6 | 2 1/2" | 2.98 |
| 1 1/2" | 12VM12-B | 1 1/2"-11 1/2 NPTF | Brass | 4.01 | 101.9 | 2.74 | 69.6 | 2 1/2" | 2.95 |
| 1 1/2" | 12VM12-SS | 1 1/2"-11 1/2 NPTF | 316 Stainless Steel | 4.01 | 101.9 | 2.74 | 69.6 | 2 1/2" | 2.95 |
| 2" | 16VM16 | 2"-11 1/2 NPTF | Steel | 4.54 | 115.3 | 3.83 | 97.3 | 3 1/2" | 6.01 |
| 2" | 16VM16-B | 2"-11 1/2 NPTF | Brass | 4.54 | 115.3 | 3.83 | 97.3 | 3 1/2" | 6.00 |
| 2" | 16VM16-SS | 2"-11 1/2 NPTF | 316 Stainless Steel | 4.54 | 115.3 | 3.83 | 97.3 | 3 1/2" | 6.09 |



WARNING: Cancer and Reproductive Harm