



The Right Connection®

HYDRAULIC COUPLINGS

V-Series Snap-Tite H/IH Interchange Unvalved Coupler (Female 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.
- Nitrile (Buna-N) seals are standard
- All couplers incorporate a PTFE anti-extrusion ring to protect the seal components from dynamic impulse damage.

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" | 2VF2-E | 1/4"-18 NPTF | Steel | 1.36 | 34.5 | 0.99 | 25.1 | 7/8" | 0.18 |
| 1/4" | 2VF2-B-E | 1/4"-18 NPTF | Brass | 1.36 | 34.5 | 0.99 | 25.1 | 7/8" | 0.18 |
| 1/4" | 2VF2-SS-E | 1/4"-18 NPTF | 316 Stainless | 1.36 | 34.5 | 0.99 | 25.1 | 7/8" | 0.18 |
| 1/4" | 2VBF2-E | 1/4"-19 BSPP | Steel | 1.36 | 34.5 | 0.99 | 25.1 | 7/8" | 0.18 |
| 1/4" | 2VBF2-B-E | 1/4"-19 BSPP | Brass | 1.36 | 34.5 | 0.99 | 25.1 | 7/8" | 0.17 |
| 1/4" | 2VBF2-SS-E | 1/4"-19 BSPP | 316 Stainless | 1.36 | 34.5 | 0.99 | 25.1 | 7/8" | 0.18 |
| 3/8" | 3VF3-E | 3/8"-18 NPTF | Steel | 1.50 | 38.1 | 1.18 | 30.0 | 7/8" | 0.28 |
| 3/8" | 3VF3-B-E | 3/8"-18 NPTF | Brass | 1.50 | 38.1 | 1.18 | 30.0 | 7/8" | 0.27 |
| 3/8" | 3VF3-SS-E | 3/8"-18 NPTF | 316 Stainless | 1.50 | 38.1 | 1.18 | 30.0 | 7/8" | 0.29 |
| 3/8" | 3VBF3-E | 3/8"-19 BSPP | Steel | 1.50 | 38.1 | 1.18 | 30.0 | 7/8" | 0.27 |
| 3/8" | 3VBF3-B-E | 3/8"-19 BSPP | Brass | 1.50 | 38.1 | 1.18 | 30.0 | 7/8" | 0.26 |
| 3/8" | 3VBF3-SS-E | 3/8"-19 BSPP | 316 Stainless | 1.50 | 38.1 | 1.18 | 30.0 | 7/8" | 0.29 |
| 1/2" | 4VF4-E | 1/2"-14 NPTF | Steel | 1.64 | 41.7 | 1.37 | 34.8 | 13/16" | 0.39 |
| 1/2" | 4VF4-B-E | 1/2"-14 NPTF | Brass | 1.64 | 41.7 | 1.37 | 34.8 | 13/16" | 0.39 |
| 1/2" | 4VF4-SS-E | 1/2"-14 NPTF | 316 Stainless | 1.64 | 41.7 | 1.37 | 34.8 | 13/16" | 0.38 |
| 1/2" | 4VBF4-E | 1/2"-14 BSPP | Steel | 1.64 | 41.7 | 1.37 | 34.8 | 13/16" | 0.39 |
| 1/2" | 4VBF4-B-E | 1/2"-14 BSPP | Brass | 1.64 | 41.7 | 1.37 | 34.8 | 13/16" | 0.40 |
| 1/2" | 4VBF4-SS-E | 1/2"-14 BSPP | 316 Stainless | 1.64 | 41.7 | 1.37 | 34.8 | 13/16" | 0.40 |
| 3/4" | 6VF6-E | 3/4"-14 NPTF | Steel | 1.96 | 49.8 | 1.67 | 42.4 | 1 1/2" | 0.64 |
| 3/4" | 6VF6-B-E | 3/4"-14 NPTF | Brass | 1.96 | 49.8 | 1.67 | 42.4 | 1 1/2" | 0.62 |
| 3/4" | 6VF6-SS-E | 3/4"-14 NPTF | 316 Stainless | 1.96 | 49.8 | 1.67 | 42.4 | 1 1/2" | 0.61 |
| 3/4" | 6VBF6-E | 3/4"-14 BSPP | Steel | 1.96 | 49.8 | 1.67 | 42.4 | 1 1/2" | 0.64 |
| 3/4" | 6VBF6-B-E | 3/4"-14 BSPP | Brass | 1.96 | 49.8 | 1.67 | 42.4 | 1 1/2" | 0.63 |
| 3/4" | 6VBF6-SS-E | 3/4"-14 BSPP | 316 Stainless | 1.96 | 49.8 | 1.67 | 42.4 | 1 1/2" | 0.64 |
| 1" | 8VF8-E | 1"-11 1/2 NPTF | Steel | 2.10 | 53.3 | 1.99 | 50.5 | 1 3/16" | 1.05 |
| 1" | 8VF8-B-E | 1"-11 1/2 NPTF | Brass | 2.10 | 53.3 | 1.99 | 50.5 | 1 3/16" | 1.02 |
| 1" | 8VF8-SS-E | 1"-11 1/2 NPTF | 316 Stainless | 2.10 | 53.3 | 1.99 | 50.5 | 1 3/16" | 1.02 |
| 1" | 8VBF8-E | 1"-11 BSPP | Steel | 2.10 | 53.3 | 1.99 | 50.5 | 1 3/16" | 1.04 |
| 1" | 8VBF8-B-E | 1"-11 BSPP | Brass | 2.10 | 53.3 | 1.99 | 50.5 | 1 3/16" | 1.03 |
| 1" | 8VBF8-SS-E | 1"-11 BSPP | 316 Stainless | 2.10 | 53.3 | 1.99 | 50.5 | 1 3/16" | 1.04 |
| 1 1/4" | 10VF10-E | 1 1/4"-11 1/2 NPTF | Steel | 2.28 | 57.9 | 2.19 | 55.6 | 2" | 1.08 |
| 1 1/4" | 10VF10-B-E | 1 1/4"-11 1/2 NPTF | Brass | 2.28 | 57.9 | 2.19 | 55.6 | 2" | 1.10 |
| 1 1/4" | 10VF10-SS-E | 1 1/4"-11 1/2 NPTF | 316 Stainless | 2.28 | 57.9 | 2.19 | 55.6 | 2" | 1.10 |
| 1 1/4" | 10VBF10-E | 1 1/4"-11 BSPP | Steel | 2.28 | 57.9 | 2.19 | 55.6 | 2" | 1.10 |
| 1 1/4" | 10VBF10-B-E | 1 1/4"-11 BSPP | Brass | 2.28 | 57.9 | 2.19 | 55.6 | 2" | 1.09 |
| 1 1/4" | 10VBF10-SS-E | 1 1/4"-11 BSPP | 316 Stainless | 2.28 | 57.9 | 2.19 | 55.6 | 2" | 1.10 |
| 1 1/2" | 12VF12-E | 1 1/2"-11 1/2 NPTF | Steel | 2.57 | 65.3 | 2.74 | 69.6 | 2 1/2" | 1.78 |
| 1 1/2" | 12VF12-B-E | 1 1/2"-11 1/2 NPTF | Brass | 2.57 | 65.3 | 2.74 | 69.6 | 2 1/2" | 1.78 |
| 1 1/2" | 12VF12-SS-E | 1 1/2"-11 1/2 NPTF | 316 Stainless | 2.57 | 65.3 | 2.74 | 69.6 | 2 1/2" | 1.78 |
| 2" | 16VF16-E | 2"-11 1/2 NPTF | Steel | 2.48 | 63.0 | 3.56 | 90.4 | 3 1/4" | 3.12 |
| 2" | 16VF16-B-E | 2"-11 1/2 NPTF | Brass | 2.48 | 63.0 | 3.56 | 90.4 | 3 1/4" | 3.13 |
| 2" | 16VF16-SS-E | 2"-11 1/2 NPTF | 316 Stainless | 2.48 | 63.0 | 3.56 | 90.4 | 3 1/4" | 3.13 |