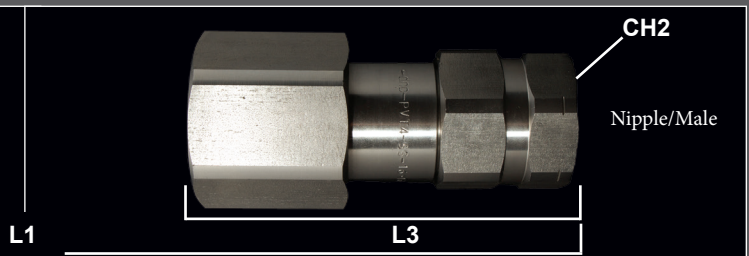
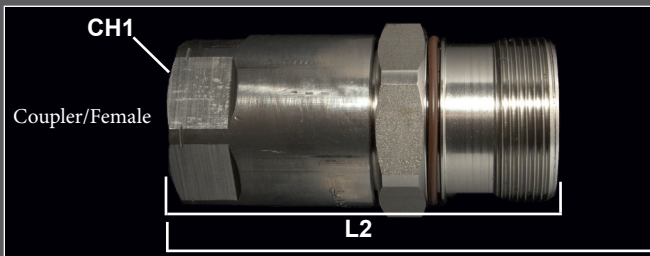


# PVT4-SS SERIES QUICK COUPLINGS (PVTX)

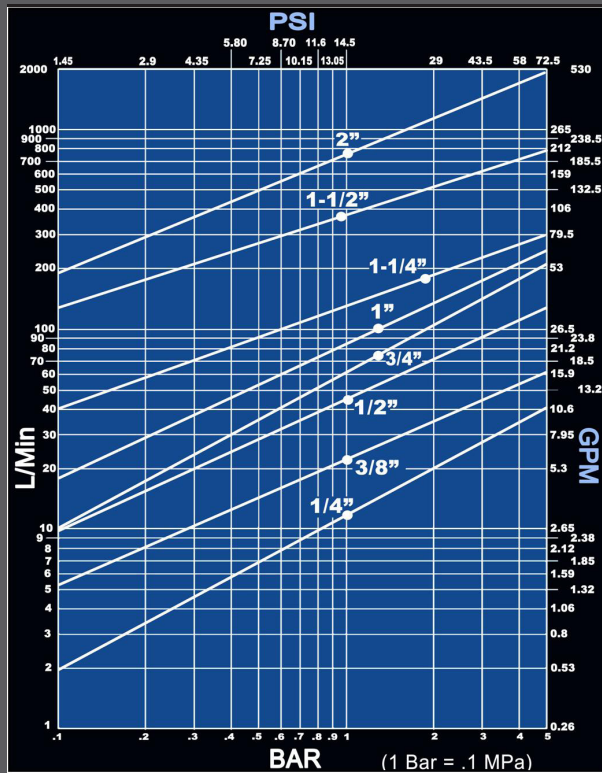
Flat Face Screw Type - Connectable Under Pressure - 316 Stainless Steel

Sizes: 1/4" thru 2"



## Features and Benefit

- PVT4-SS is the ultimate coupling for the offshore oil and gas market
- 316 SS material for ultimate corrosion resistance
- Slim design makes for easy plumbing in tight spaces with no loss in flow rate
- High working pressures
- Connects and disconnects by hand up to 4,000 PSI
- Seal is blowout resistant to 4,000 PSI when connecting and disconnecting with residual pressure
- Exceeds 1,000,000 impulse cycles
- Flat face design eliminates spillage upon disconnection
- Thread to connect style coupling eliminates brinelling issues
- Heavy Duty Hex Nut
- Standard Threads: NPT, SAE & BSP



## DIMENSIONAL & PRESSURE RATING DATA

| Body Size | CH1  | CH2  | OE    | L1    | L2   | L3   | Flow Rate @ 14.5 PSID (GPM) | Max Flow Rate (GPM) | Max Working (PSI) | Fluid Spillage (cc) |
|-----------|------|------|-------|-------|------|------|-----------------------------|---------------------|-------------------|---------------------|
| 04        | .86  | .86  | 1.29  | 4.53  | 2.66 | 2.30 | 3.17                        | 6.34                | 5,000             | .008                |
| 06        | 1.18 | 1.18 | 1.417 | 5.33  | 3.07 | 2.90 | 6.08                        | 12.15               | 5,000             | .010                |
| 08        | 1.42 | 1.42 | 1.65  | 6.14  | 3.39 | 3.43 | 12                          | 24                  | 5,000             | .012                |
| 12        | 1.42 | 1.42 | 1.65  | 6.19  | 3.52 | 3.39 | 20                          | 40                  | 5,000             | .015                |
| 16        | 1.62 | 1.62 | 1.89  | 7.09  | 4.13 | 3.82 | 26.5                        | 53                  | 5,000             | .020                |
| 20        | 2.16 | 2.16 | 2.36  | 8.47  | 5.03 | 4.30 | 50                          | 74                  | 4,000             | .030                |
| 24        | 2.75 | 2.75 | 4.13  | 9.60  | 6.05 | 4.67 | 100                         | 185                 | 3,500             | .050                |
| 32        | 3.15 | 3.15 | 4.56  | 11.44 | 6.81 | 7.75 | 200                         | 265                 | 3,000             | .100                |

units: inches

## Applications

- Offshore and Marine Industry: Drill Ships, FPSO, Oilfield Service and Drilling Equipment, Rig Cranes, Winches, Platforms, Offshore Salvage and Demolition Equipment
- High pressure, low pressure drop, high impulse applications
- Used in a wide range of industrial markets where connecting and disconnecting of hydraulic circuits is needed

## ORDERING INFORMATION

QUICK COUPLING PART NUMBERING SYSTEM:

**PVT4 - SS - 08 - 08 - C - NPT**

