



April 2016 - Revision B  
**Quick Coupling Division**  
 8145 Lewis Road  
 Minneapolis, MN 55427  
 phone 763 544 7781  
 fax 763 544 3418

# SUBSEA COUPLING SOLUTIONS

## DSH Series Data Sheet



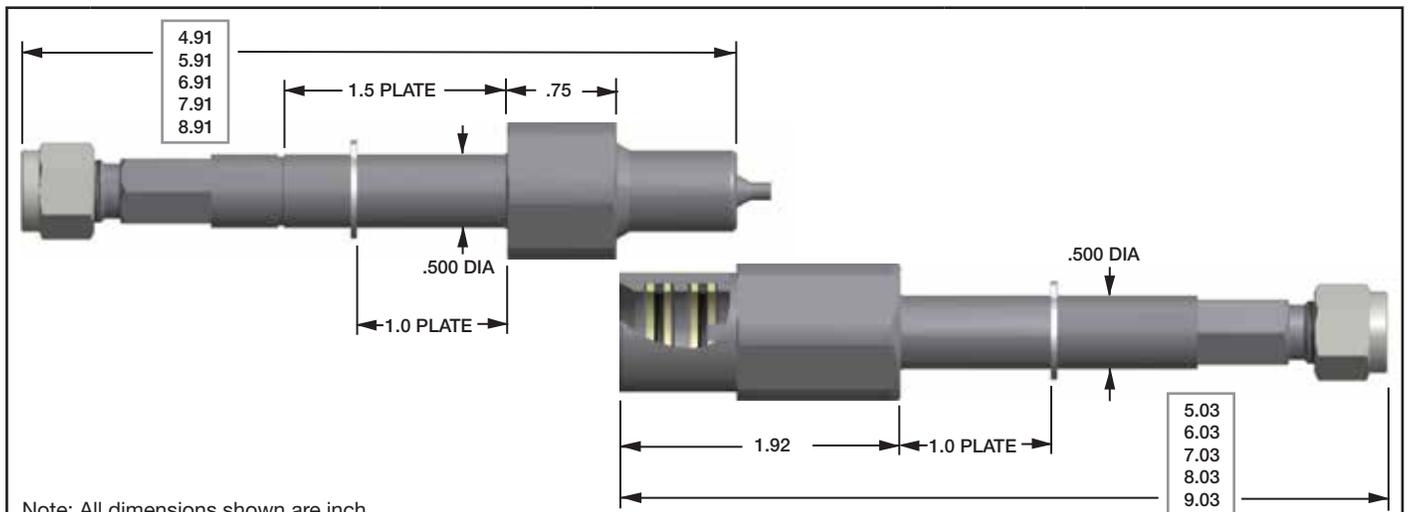
DSH Series couplings are used on subsea and topside RBQ/J - Plates. Typically found in hydraulic pilot applications they replace legacy couplings, pipe nipples, and fittings eliminating potential leak paths and reducing assembly time. The superior valve design of the DSH Series accommodates plate flex up to 0.100 in/2.54mm.

### Features:

- Size 1/4"
- 6000 psi (414 bar)
- Poppet valves
- Redundant sealing
- Flow check resistant design
- Parker Nitrile O-rings standard
- Body material: 316
- Internal component materials: 316, PEEK, PTFE

### Options:

- Various O-ring materials
- Valved and unvalved versions
- End configurations: JIC, A-Lok, SAE ORB (others available upon request)
- Body material: Nitronic® 50HS (others available upon request)



Size	Working Pressure** (psi/bar)	Rated Working Depth*** (ft/m)	Cv per Coupling Half	Separation Force (lb/1000 psi & N/100 bar)	Water Ingress Per Connect (ml)	Length* (in/mm)	Hex (in/mm)	Min Plate Bore Diameter* (in/mm)
1/4"	6000/414	10,000/3050	0.7 (with valves) 1.0 (no valves)	240/1550	2.25	See above	.938/23.83	.520/13.21

Data given is representative of the coupling series. Individual couplings may vary based on specific configuration of fittings/optional features.  
 \*Minimum bore diameter and length are reference. May change for a specific plate configuration.  
 \*\* Max pressure rating dependant on end configuration.  
 \*\*\* Mate/demate topside only.