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# SUBSEA COUPLING SOLUTIONS

## DSM Series Data Sheet



DSM Series couplings have poppet style valves and threaded sleeves. They are manually operated, diver mateable subsea connections with proven performance.

### Features:

- Sizes 1/4" - 1"
- Up to 10,000 psi (690 bar)
- Poppet valves
- Redundant sealing
- Metal primary and PEEK secondary seals
- Parker Nitrile O-rings standard
- Body material: 316 SST
- Internal component materials: 316 SST

### Options:

- Various O-ring materials
- Bulkhead mounting
- End configurations: NPT, JIC (others available upon request)
- Special materials available upon request
- Protective Caps and Plugs

Size	Working Pressure*** (psi/bar)	Rated Working Depth** (ft/m)	Cv per Coupling Half	Water Ingress Per Connect (ml)	Length* (in/mm)
1/4"	10,000/690	10,000/3050	0.8	1.5	Male: 3.44/87.4
					Female: 3.90/99
1/2"	10,000/690	10,000/3050	2.8	4.0	Male: 4.04/102.6
					Female: 5.07/128
1"	5000/345	10,000/3050	7.0	34	Male: 5.40/137.2
					Female: 6.46/164.0

Data given is representative of the coupling series. Individual couplings may vary based on specific configuration of fittings/optional features. When repeatedly connecting and disconnecting under pressure, anti-seize should be applied to the connection threads.

\* Minimum bore diameter and length are reference. May change for a specific plate configuration.

\*\* Mate/demate rated depth of 6560ft/2000m.

\*\*\* Max pressure rating dependent on end configuration.