



April 2016 - Revision B
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SUBSEA COUPLING SOLUTIONS

DST Series Data Sheet



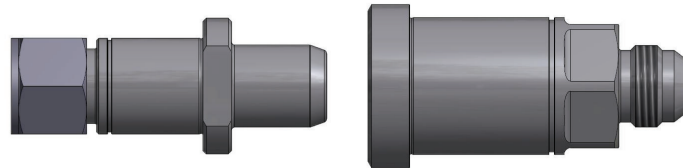
DST Series are unvalved, straight through couplings with unrestricted flow. Redundant interface sealing ensures reliable performance.

Features:

- Sizes 1/4" - 3/4"
- Up to 8000 psi (552 bar)
- Unvalved, straight through design
- Redundant sealing
- O-ring/back up primary seal, secondary slipper seal
- Body materials: Nitronic® 50HS and 316 SST

Options:

- Various O-ring materials
- End configurations: Compression, JIC (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)	Min. Plate Bore Diameter* (in/mm)
1/4"	8000/552	12,000/3658	5.1	196/1265	Unvalved	Male: 2.50/63.5	.629/15.98
						Female: 2.56/65.0	.885/22.48
1/2"	8000/552	12,000/3658	16.8	442/2852	Unvalved	Male: 2.57/65.3	.879/22.33
						Female: 2.76/70.1	1.260/32.00
3/4"	8000/552	12,000/3658	31.8	785/5065	Unvalved	Male: 2.89/73.4	1.504/38.20
						Female: 3.12/79.2	1.510/38.35

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.

** Mate/demate topside only.

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