

QUICK DISCONNECTS



PART SERIES	EXAMPLE PART NO.	SELF LATCHING	LOCKING TYPE MECHANISM	APPLICATION	PRESSURE OPER/PROOF/BURST (PSIG)	SELF SEALING	PRESSURE DROP		MEETS THE FOLLOWING SPECS	QUAL TEST REPORTS	PORT SIZE(S)	STATIC ELECTRICAL BONDING	BUILT IN RELIEF VALVE	OPERATING TEMPERATURES	AXIAL MISALIGNMENT	RADIAL MISALIGNMENT	ANGULAR MISALIGNMENT
							COUPLING SIZE OR O.D.	Cv*									
D3000	D3100	YES, Push to Connect	Ball Latching	Potable Water (cres material), Coolant Fuel/Hydraulic	250/500/750	YES	-04 Size	1.20	AS1969 & AS1709 Type I, AS7413 Type I & II, Class A	TR2502 & TR2502-1	-04 thru -20 Sizes	YES	NO	-65° F to 250° F	NONE	NONE	NONE
	D3101		Redundant Lock				-06 Size	3.25					YES				
	D3130		Detent				-08 Size	6.65					NO				
	D3200	Threaded	Ball Latching		-10 Size		10.00	OPTIONAL									
	D3000				-12 Size		16.50			NO							
	D3001				-16 Size		36.00			YES							
D4000	D4100	NO	None, Probe Type	Coolant, Fuel/Hydraulic	250/500/750	YES	-04 thru -12 Sizes	Same as D3100 at Full Insertion	AS4251	Qualification per TP2667 Pending	-04 thru -12 Sizes	YES	NO	-65° F to 250° F	± .025	± .040	± 1 to 2 degrees
	D4101		500/750/1000		YES								YES				
1Q	1QF1	Twist to Lock	Bayonet Latching	Air, Pitot/Static Systems, Instrumentation, Data Oxygen Service	125/250/500	Flow Thru	-04, -05 & -06 Sizes	Flow Thru		TR2062	-02 thru -06 Sizes	NO	NO	-65° F to 250° F	NONE	NONE	NONE
	1QM1									TR2484							
	1QF2					YES	-06 Size	0.70		TR2263							
	1QM2					TR2245											
5Q	5Q	YES, push to connect	Pin Latching	Oxygen, Coolant, Potable Water	125/250/500	Flow Thru	-04 thru -16 Sizes	Flow Thru	Airbus A-380	TR2513	-04 thru -16 Sizes	NO	NO	-65° F to 185° F	NONE	NONE	NONE
MINI	DC2006	NO	None, Probe Type	Coolant, Electronics	250/500/1000	YES	.570 Dia Max	0.76	AS5072, AS4251	TR2367	-05 Size 1/2-28 UNEF	NO	135 ± 20 psig	-65° F to 275° F	.660 ± 0.045	± 0.030	± 2 degree
	DC2035				125/250/500		.690 Dia Max	1.32	AS4251	SIM to DC2006	-06 Size 9/16-32 UN		75 ± 20 psig		1.040 ± 0.045	± 0.030	± 2 degree
	DC2017				250/375/625		.75 Dia (-04 Size)	0.76	AS4251	SIM TO DC2006	-03, -04 & -05 Sizes		140 ± 15 psig	NONE	NONE	NONE	
	DC2019	YES	Retract Sleeve to Connect		250/375/625		.75 Dia (-04 Size)	0.76	AS4251	SIM TO DC2006	-03, -04 & -05 Sizes		NONE	NONE	NONE		
	DC2031				250/375/625		NONE	-65° F to 160° F	NONE	NONE	NONE						
MICRO	DC2008	NO	None, Probe Type	Coolant, Electronics	250/500/1000	YES	.440 Dia Max	0.26	AS5072/1, AS4251	TR2361 TR2361-1	-02 & -03 Sizes	NO	165 ± 20 psig	-65° F to 200° F	.660 - .020 +.030	± 0.030	± 1 degree
	DC2024				250/500/1000		.460 Dia Max	0.37	AS5072, AS4251	TR2429, TR2429-1	5/16-32 UNEF 3/8-32 UNEF		165 ± 20 psig	.670 ± .030	± 0.030	± 2 degree	
	DC2012				250/500/1000		.375 Dia Max	0.26	AS5072/2, AS5072/3	Tested @ Lockheed/Martin	5/16-24 UNF .359-24 UNS		200 ± 20 psig	-65° F to 275° F	+.045 -.005	± 0.023	± 1 degree
	DC2028				250/500/1000		.63 Dia	0.37	Raytheon	TR2361 TR2361-1	-03 Size 3/8-24 UNF		Optional	NONE	NONE	NONE	
	DC2015				250/500/1000												
	DC2040				250/500/1000												
	DC2029	Twist to Lock	Bayonet Latching		250/500/750												
	DC2032																

NOTE: * Cv is the flow coefficient: expressed in flow rate in gallons per minute of 60°F water with 1.0 PSID pressure drop across the quick disconnect.