

Hydraulic Couplings: TD-Series

Interchange Data

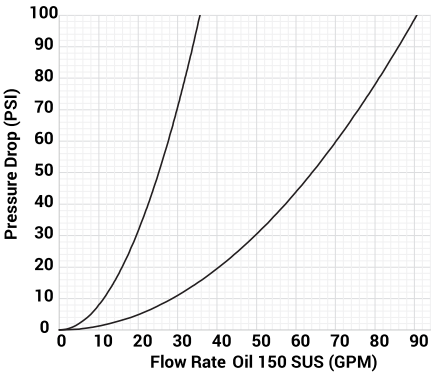
- Spir Star CQD Series, DNP CRS Series, Jetstream Screw Type

Materials

- Machined components are manufactured using 316 stainless steel bar stock
- Stainless steel retaining rings maximize corrosion resistance and extend service life

Seal Components

- Nitrile (Buna-N) seals are standard, providing a temperature range of **-40°F to 250°F (-40°C to 121°C)**
- Couplers have a nitrile anti-extrusion ring, providing resistance to O-ring dynamic impulse pressure damage



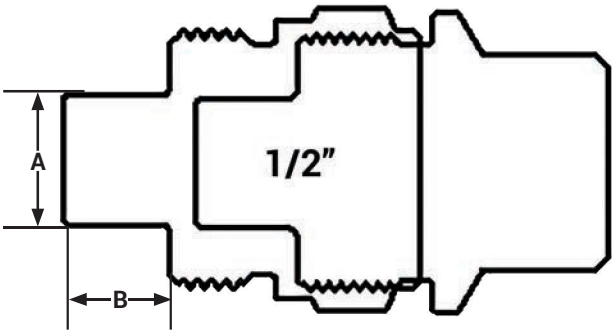
Rated Pressure Chart

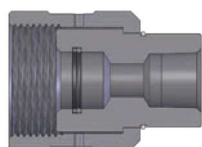
Body Size	TD-Series 15K and 20K Threaded Couplings	
	Maximum Working	
	PSI	Bar
1/2" x 1/2" NPTF	15,000	1,034
1/2" x 9/16" MP	20,000	1,379

Technical Specifications

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Threaded	Air Inclusion	Fluid Loss	Vacuum inch HG	Flow ΔP = 40 PSI
1/2"	-	-	-	-	Maxi-Latch	N/A	N/A	N/R	40 GPM

Body Size	A	B
1/2"	.75	.63

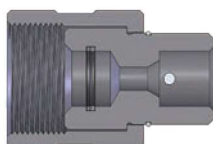




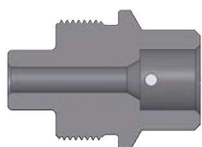
Body Size	TD-Series 15K Threaded Coupler (Female Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/2"	4TDF4-SS	1/2" - 14 NPTF	316 stainless steel	2.57	65.28	1.85	46.99	1.13



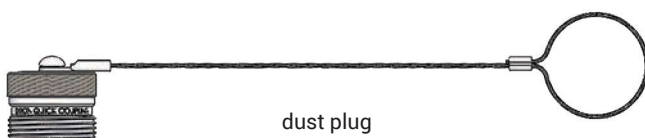
Body Size	TD-Series 15K Threaded Plug (Female Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/2"	TD4F4-SS	1/2" - 14 NPTF	316 stainless steel	2.06	52.32	1.75	44.45	1.63



Body Size	TD-Series 20K Threaded Coupler (Female MP Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/2"	4TDPF4.5-SS	9/16" MP	316 stainless steel	2.85	72.39	1.88	47.75	1.13



Body Size	TD-Series 20K Threaded Plug (Female MP Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/2"	TD4PF4.5-SS	9/16" MP	316 stainless steel	2.40	60.96	1.74	44.20	1.13



Body Size	TD-Series Dust Cap and Dust Plug							
	Part Detail				Length		Maximum OD	
	Part #	Description	Threads	Material	inch	mm	inch	mm
1/2"	TD4DC-A	dust cap	1/2" - 14 NPTF	aluminum	10	254	1.73	43.94
	TD4.5DC-A	dust cap	9/16" MP	aluminum	10	254	1.69	42.93
	4TDDP-A	dust plug	1/2" - 14 NPTF	aluminum	10	254	1.50	38.10
	4.5TDDP-A	dust plug	9/16" MP	aluminum	10	254	1.50	38.10