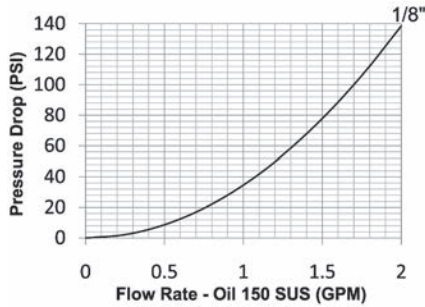


PD-Series Hydraulic Couplings

Interchange Data:

- Interchangeable to ISO15171-1
- Parker PD-Series, Aeroquip FD90, Tomco Series DK



Materials:

- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life.
- Steel nipples are machined from solid steel bar stock and hardened.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.

Seal Components:

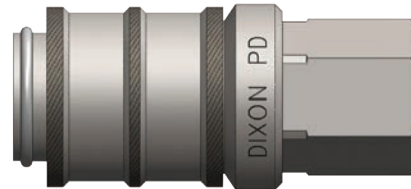
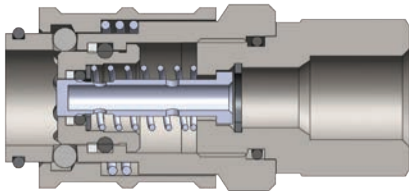
- Nitrile (Buna-N) seals are standard, providing a temperature range of -40°F to +250°F (-40°C to +121°C).
- PTFE anti-extrusion ring protects main coupler O-Ring from dynamic impulse pressure damage.

Rated Pressure Chart:

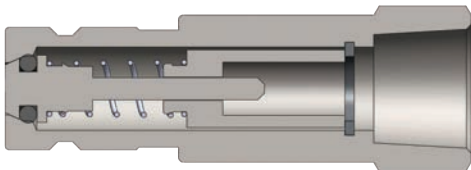
Body Size	PD-Series ISO15171-1 Diagnostic Interchange							
	Steel Coupler/Plug Connected				Steel Plug Disconnected			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	6,000	400	18,700	1,300	6,000	400	24,000	1,600

Technical Specifications:

Body Size	Interchange Standards				Functional Parameters				
	U.S. Military	U.S. Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow $\Delta P = 22$ PSI
1/8"	-	-	ISO15171-1	SAE J1502	10	0.02	0.1	27.4	0.8



Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	1PDF1	1/8" - 27 NPT	steel		2.13	54.102	0.98	24.892	21	0.18	10	100
1/8"	1PDF2	1/4" - 18 NPT	steel		2.13	54.102	0.98	24.892	21	0.16	10	100



Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Female Threads)											
	Part Detail				Length		Maximum OD		Hex mm	Weight Lb	Package Qty	
	Part Number	Threads	Material		Inch	mm	Inch	mm			Bag	Box
1/8"	PD1F1	1/8" - 27 NPT	steel		1.88	47.752	0.76	19.304	17	0.04	10	100
1/8"	PD1F2	1/4" - 18 NPT	steel		1.88	47.752	0.76	19.304	17	0.04	10	100

