

## Interchange Data

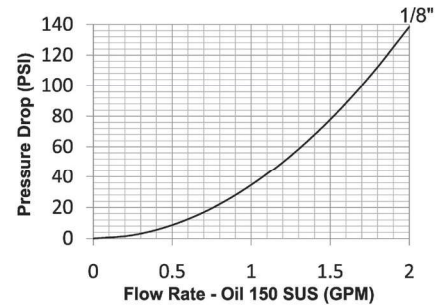
- Interchangeable to ISO15171-1
- Parker PD-Series, Eaton/Aeroquip FD90

## Materials

- Machined components are manufactured using solid steel bar stock
- Stainless steel springs. Carbon steel balls and retaining rings
- Steel plugs 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

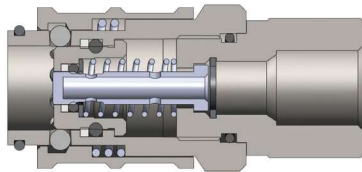


Rated Pressure Chart

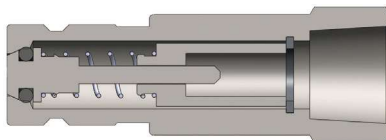
Body Size	PD-Series ISO15171-1 Diagnostic Interchange							
	Steel Coupler/Plug Connected				Steel Plug Disconnected			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	6,000	400	18,700	1,300	6,000	400	24,000	1,600

## 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 ΔP = 22 PSI
1/8"	-	-	ISO15171-1	SAE J1502	10	0.02	0.1	27.4	0.8

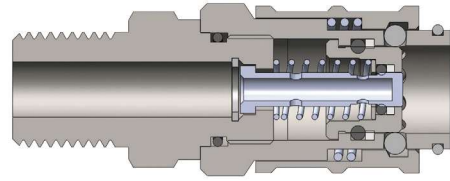


Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Female Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/8"	1PDF1	1/8" - 27 NPT	steel	2.13	54.1	0.98	24.8	21
	1PDF2	1/4" - 18 NPT	steel	2.13	54.1	0.98	24.8	21

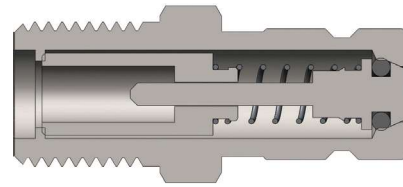


Body Size	PD-Series ISO15171-1 Diagnostic Plug (Female Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/8"	PD1F1	1/8" - 27 NPT	steel	1.88	47.7	0.76	19.3	17
	PD1F2	1/4" - 18 NPT	steel	1.88	47.7	0.76	19.3	17

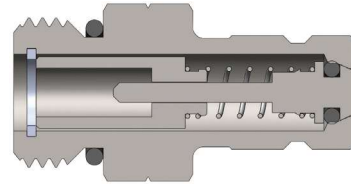
# Hydraulic Couplings: PD-Series



Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Male Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/8"	1PDM2	1/4" - 18 NPT	steel	2.28	57.9	0.98	24.9	21



Body Size	PD-Series ISO15171-1 Diagnostic Plug (Male Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/8"	PD1M1	1/8" - 27 NPT	steel	1.98	50.2	0.76	19.3	17
	PD1M2	1/4" - 18 NPT	steel	1.48	37.5	0.76	19.3	17



Body Size	PD-Series ISO15171-1 Diagnostic Plug (Male ORB Threads)							
	Part Detail			Length		Maximum OD		Hex mm
	Part #	Threads	Material	inch	mm	inch	mm	
1/8"	PD10M2	7/16" - 20 ORB	steel	1.93	49.0	0.76	19.3	17
	PD10M3	9/16" - 18 ORB	steel	1.48	37.5	0.76	19.3	17

Body Size	PD-Series Plug Dust Cap	
	Part Detail	
	Part #	Material
1/8"	H1DC	nitrile

### PD-Series Profile

Body Size	A	B
1/8"	0.49	0.19

