

PD-Series Hydraulic Couplings

Interchange Data:

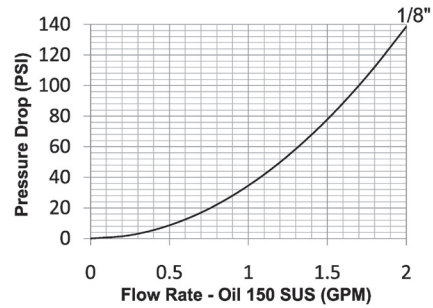
- Interchangeable to ISO15171-1
- Parker PD-Series, Aeroquip FD90

Materials:

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

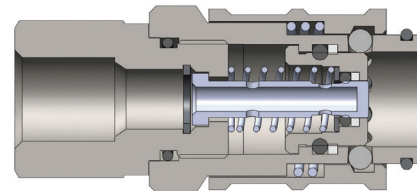
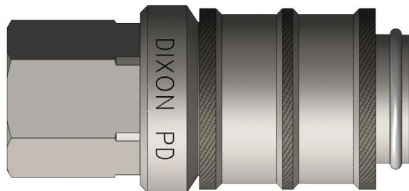


Rated Pressure Chart:

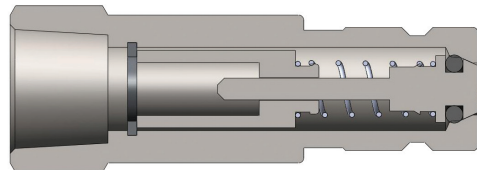
Body Size	PD-Series ISO15171-1 Diagnostic Interchange							
	Steel Coupler/Plug Connected				Steel Plug Disconnected			
	Maximum Working		Burst		Maximum Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	6,000	400	18,700	1,300	6,000	400	24,000	1,600

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

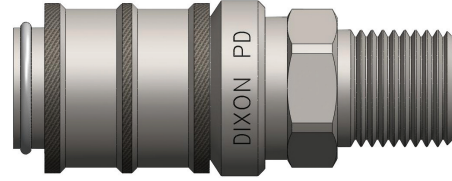
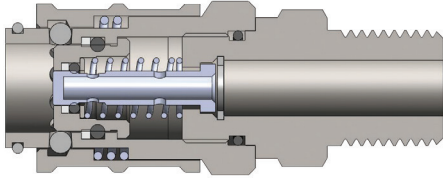


Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Female Threads)									
	Part Detail			Length		Maximum OD		Hex mm	Package Qty	
	Part Number	Threads	Material	Inch	mm	Inch	mm		Bag	Box
1/8"	1PDF1	1/8" - 27 NPT	steel	2.13	54.1	0.98	24.8	21	10	100
1/8"	1PDF2	1/4" - 18 NPT	steel	2.13	54.1	0.98	24.8	21	10	100

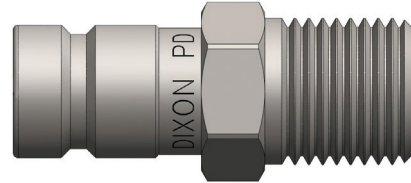
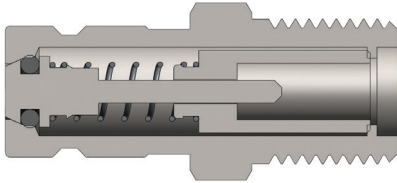


Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Female Threads)									
	Part Detail			Length		Maximum OD		Hex mm	Package Qty	
	Part Number	Threads	Material	Inch	mm	Inch	mm		Bag	Box
1/8"	PD1F1	1/8" - 27 NPT	steel	1.88	47.7	0.76	19.3	17	10	100
1/8"	PD1F2	1/4" - 18 NPT	steel	1.88	47.7	0.76	19.3	17	10	100

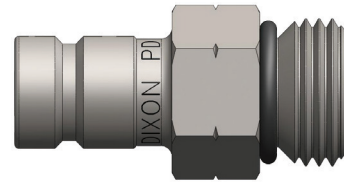
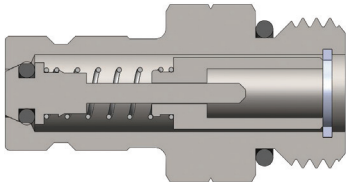
PD-Series Hydraulic Couplings



Body Size	PD-Series ISO15171-1 Diagnostic Coupler (Male Threads)									
	Part Detail			Length		Maximum OD		Hex mm	Package Qty	
	Part Number	Threads	Material	Inch	mm	Inch	mm		Bag	Box
1/8"	1PDM2	1/4" - 18 NPT	steel	2.28	57.9	0.98	24.9	21	10	100



Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Male Threads)									
	Part Detail			Length		Maximum OD		Hex mm	Package Qty	
	Part Number	Threads	Material	Inch	mm	Inch	mm		Bag	Box
1/8"	PD1M1	1/8" - 27 NPT	steel	1.98	50.2	0.76	19.3	17	10	100
1/8"	PD1M2	1/4" - 18 NPT	steel	1.48	37.5	0.76	19.3	17	10	100



Body Size	PD-Series ISO15171-1 Diagnostic Nipple (Male ORB Threads)									
	Part Detail			Length		Maximum OD		Hex mm	Package Qty	
	Part Number	Threads	Material	Inch	mm	Inch	mm		Bag	Box
1/8"	PD10M2	7/16" - 20 ORB	steel	1.93	49.0	0.76	19.3	17	10	100
1/8"	PD10M3	9/16" - 18 ORB	steel	1.48	37.5	0.76	19.3	17	10	100

Body Size	PD-Series Nipple Dust Cap									
	Part Detail			Package Qty						
	Part Number	Material		Bag		Box				
1/8"	H1DC	Nitrile		5		50				

PD Series Profile

Body Size	A	B
1/8"	1/2"	3/16"

