Parker Profile

Measuring-System

PD Series

Body Size
1/8"



Technical Description
Diagnostic couplings provide easily accessible test points for performance testing of hydraulic and pneumatic systems. Easily incorporated into original equipment or retrofitted to existing circuits, PD plugs meet or exceed SEA J 1502 and ISO 15171-1 design and performance specification.

Advantages
- Carbon steel for couplers. High tensile steel for plugs.
- For water applications also available in brass on request.
- Ball locking mechanism.
- Flush-faced poppet valve for a minimal air inclusion when connecting, minimal fluid loss during disconnection and for an easy cleaning.
- The sealing and locking groove are induction hardened to resist mechanical abuse and brinelling, whilst avoiding toughness.
- A safety sleeve lock prevents accidental disconnection.
- Push-to-connect operation allows single handed operation when connecting the coupling.

Applications
- Industrial equipment
- Mobile equipment
- Agricultural equipment

Working Pressure
max. 420 bar

Working Temperature
-40°C up to +110°C (NBR) depending on the medium. Special seals are available on request (see page 6).

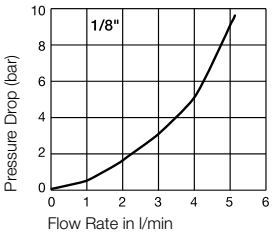
Material Coupling	
Body	Steel
Sleeve	Steel
Valve	Steel
Valve Sleeve	Steel
Springs	Steel
Seals	Nitrile
Back-up Rings	PTFE
Valve Body	Steel

Material Plug	
Body	Steel
Seals	Nitrile
Valve	Steel
Spring	Steel
Retainer	Steel

Options:
1. For some end configurations, test points are also available in brass and stainless steel AISI 316.
2. Other metric end configurations are available on request.
3. Possibility to have test point connectable under pressure up to 420 bar.

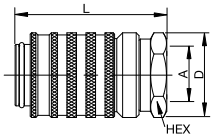
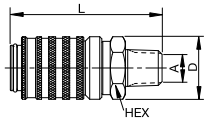
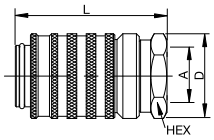
Please contact your Parker team.

Flow Capacity with Oil with Viscosity of 43cSt at 38°C as per ISO 7241/2-2000

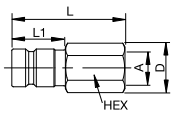
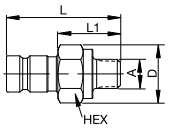
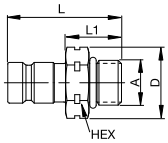


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Couplings — PD-Series

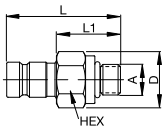
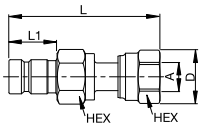
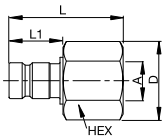
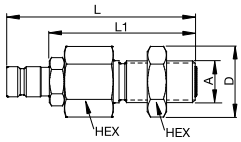
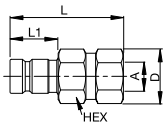
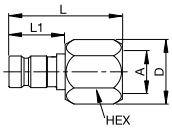
	Body Size	Connec-tion A	Tube Size	Hex	L mm	L1 mm	D mm	Weight gr.	Part number
 Female NPTF Thread – SAE J 476	1/8"	1/8"-27		13/16"	42,4		24,4	90	PD222
	1/8"	1/4"-18		13/16"	53,8		24,4	113	PD242
 Male NPTF Thread – SAE J 476	1/8"	1/4"-18		13/16"	57,4		24,4	104	PD243
 Female UNF Thread – SAE J 1926	1/8"	9/16"-18		13/16"	53,8		24,4	109	PD260

Plugs — PD-Series

	Body Size	Connec-tion A	Tube Size	Hex	L mm	L1 mm	D mm	Weight gr.	Part number
 Female NPTF Thread – SAE J 476	1/8"	1/8"-27		9/16"	37,6	19,8	16,5	27	PD322
	1/8"	1/4"-18		3/4"	41,4	23,6	21,9	54	PD342
 Male NPTF Thread – SAE J 476	1/8"	1/8"-27		11/16"	39,4	21,6	20,1	77	PD323
	1/8"	1/4"-18		11/16"	37,6	19,8	20,1	27	PD343
	1/8"	3/8"-18		13/16"	38,1	20,3	23,8	40	PD363
 Male Metric Thread to ISO 6149	1/8"	M 14 x 1,5		17 mm	35,0	17,3	19,6	32	PD367-1A

⚠ Please consider our security advices on the pages 12/13 ⚠

Plugs

	Body Size	Connec-tion A	Tube Size	Hex	L mm	L1 mm	D mm	Weight gr.	Part number
 Male UNF Thread - SAE 1926	1/8"	7/16"-20		11/16"	40,6	22,9	20,1	36	PD341
	1/8"	1/2"-20		5/8"	33,5	15,7	18,3	22	PD351 *
	1/8"	9/16"-18		11/16"	33,5	15,7	20,1	27	PD361 *
 O-Lok SAE J 1453 / ISO 8434-3	1/8"	9/16"-18	1/4" (6 mm)	11/16"	55,4	17,8	20,1	54	PD34BTL
	1/8"	1 1/16"-16	3/8" (10 mm)	13/16"	58,4	17,8	23,9	63	PD36BTL
 O-Lok SAE J 1453 / ISO 8434-3	1/8"	13/16"-16	1/2" (12 mm)	1 5/16"	28,4	17,8	38,4	58	PD38BTL *
 Bulkhead O-Lok SAE J 1453 / ISO 8434-3	1/8"	9/16"-18	1/4" (6 mm)	13/16"	75,7	57,9	23,8	86	PD346 *
 Triple-Lok SAE J 514 - ISO 8434-2	1/8"	9/16"-18	3/8" (10 mm)	11/16"	42,2	17,8	20,1	40	PD36BTX *
 Triple-Lok SAE J 514 - ISO 8434-2	1/8"	1 1/16"-12	3/4" (20 mm)	1 1/4"	35,3	17,8	36,5	122	PD312BTX

* Add 6 to part number to include the dust cap.

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Dust Protection — PD-Series

	Body Size	Version	Part number
	1/8"	for plug	PD6-285

Other materials (EPDM/FKM/HNBR) are available on request.

⚠ Please consider our security advices on the pages 12/13 ⚠