



**Features**

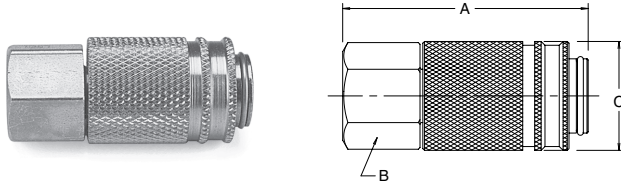
- Made to connect under pressure up to 6000 psi
- Grip-tight knurled sleeves help to make connecting and disconnecting easy, even while wearing gloves.
- Nipples are machined from high tensile steel for strength to withstand 6000 PSI continuous operating pressure.
- End connections include pipe, O-ring, 37° Flare and ORFS
- Durable Ball Valve Nipple.
- Coupler is unvalved to allow gauges and transducers to return to zero when disconnected.

**Specifications**

Body Size		1/8"	
Description	PDP Coupler	PDP Nipple	Assembly
Body Material (Steel)	Carbon Steel	High Tensile Steel	—
Rated Pressure (PSI)	—	6000	6000
Temperature Range (STD Seals) Nitrile	-40°F to +250°F		
Connect Force-Assembly	6 Lbs (0 PSI - 6000 PSI)		
Disconnect Force-Assembly	7 Lbs (0 PSI - 6000 PSI)		

**Coupler (connect-under-pressure)**

**Female Thread**



**Applications**

The PDP Series couplings provide easy connection for mechanical gauges or specialized diagnostic equipment like SensoControl.

Typically, PDP nipples are permanently mounted in the system at threaded test ports, in rigid tubing or in hose assemblies. PDP couplers are attached to test instruments.

Locking balls align the couplers to the mating nipples without threading, so gauges, transducers and other test equipment can be snapped into place without difficulty.

Parker's PDP Series couplings offer the advantages of PD couplings, but are designed to connect easily and quickly under full system pressure up to 6000 PSI (operating).

PDP couplers and nipples push to connect with a constant force of only six pounds. Then the coupler base is turned to open the valve and complete the connection. In the connected position, the coupler base blocks the retracting sleeve to prevent accidental disconnects.

**Ordering information**

Coupler/Nipple Material
<ul style="list-style-type: none"> <li>• Prefix "B" for Brass body</li> <li>• Prefix "SS" for Stainless Steel body</li> <li>• Standard body material is Steel</li> </ul>

Optional Seals Suffix*															
No suffix is required when ordering products with the standard Buna-N (Nitrile) seals. When specifying an optional seal, refer to the following chart to determine the appropriate suffix.**															
<table border="1"> <thead> <tr> <th>Coupling Series</th> <th>Ethylene Propylene</th> <th>Fluoro-carbon</th> <th>Neoprene</th> <th>Perfluoro-elastomer</th> </tr> </thead> <tbody> <tr> <td>PD Series</td> <td>W</td> <td>Y</td> <td>Z</td> <td></td> </tr> <tr> <td>PDP Series</td> <td>W</td> <td>Y</td> <td>Z</td> <td></td> </tr> </tbody> </table>	Coupling Series	Ethylene Propylene	Fluoro-carbon	Neoprene	Perfluoro-elastomer	PD Series	W	Y	Z		PDP Series	W	Y	Z	
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\*To select proper seal materials, see Fluid Compatibility Chart in Appendices section, or contact your Parker Quick Coupling Distributor.

\*\*N/A = Not Available; STD = Standard (No Suffix Needed)

Body Size (in.)	Part No. Steel	Thread Size NPTF	Dimensions (in.)			Wt. (LB.) P/Piece
			Overall Length	Wrench Flats	Largest Diameter	
			A	B	C	
1/8	PDP242	1/4-18	2.15	0.81	0.96	—

**PDP Series DUST CAP**



Body Size (in.)	Dust Cap Part No.
1/8	PD6-285