



The PS Series Swivel is designed to meet today's application needs and performance requirements. Pressure capabilities up to 5000 psi, 1/4" through 2" body sizes, a variety of port options, Chromium-6 Free or nickel plating and a wide range of seal options make the PS Series Swivels ideal for an array of dynamic applications.

### Features

- Hardened bearing races for extended service life.
- Full flow design minimizes pressure drop for optimum system performance.
- Sealed bearing design isolates bearing race from media and environment.
- Reduced bearing load design minimizes wear in the bearing race and extends service life.
- PTFE back-up rings support primary seal for high-pressure applications.
- Chromium-6 Free plating for maximum corrosion resistance.
- Variety of seal options available.
- Three piece swivel design for sizes 1 1/4" through 2" for superior performance and service life.
- Precision needle bearings and ball bearings sized 1 1/4" through 2" for additional side load resistance.
- Polyurethane U-Cup primary seal standard for sizes 1 1/4" through 2".
- PS Series Swivels eliminate hose twist and torque that may cause premature hose failure.

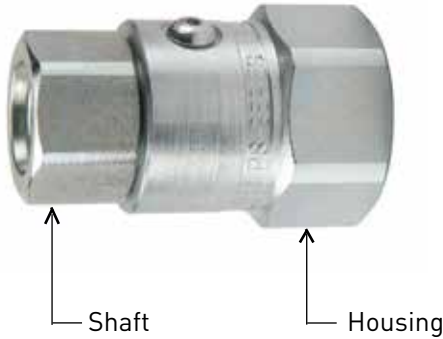
### PS Series Specifications

Body Size (in.)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Maximum Rated Pressure (psi)	5000	5000	5000	5000	5000	4000	4000	3000
Except the following port options in the noted size								
03 (Male JIC 37°)							3000	2000
05 (Male SAE O-Ring Boss)								2500
06 (Female JIC 37°) 90° Housing Port				4000	3000	3000	2500	2000
06 (Female JIC 37°) In-Line Housing Port							3000	2000
07 (Female NPSM)			4600	3000	2600	2100	1650	1500
Temperature Range (std seals)	-40° to 250° F					-30° to 180° F		

### Seal Options

Nitrile (standard unless otherwise designated)
A = Aflas™
W = Ethylene Propylene
Y = Fluorocarbon
Z = Neoprene
For Perfluoroelastomer seal option contact the division.

#### In-Line Swivels



#### 90° Swivels



#### PS Part Number:

**PS 16 1 02 02-16-16 Y-**

#### Material and Finish:

- Blank = Carbon Steel w/Chromium-6 Free Plating (Std.)
- NI = Carbon Steel with Electroless Nickel Plating\*
- S3 = 303 Stainless Steel Passivated\*
- S6 = 316 Stainless Steel Electropolished\*

#### Seal Code:

- Blank = Nitrile†
  - A = Aflas™\*
  - W = Ethylene Propylene
  - Y = Fluorocarbon
  - Z = Neoprene
- For Perfluoroelastomer Seal Option Contact the Division.

#### Housing Port Size (1/16 of an inch)††

#### Shaft Port Size (1/16 of an inch)††

#### Housing Port Configuration:

- 01 = Male NPTF(Non-Standard)\*
- 02 = Female NPTF
- 03 = Male JIC 37 Degree
- 05 = Male SAE O-Ring Straight Thread
- 06 = Female JIC 37 Degree
- 07 = Female NPSM Pipe Swivel
- 10 = Female SAE Straight Thread
- JM = Male Seal-Lok

#### Shaft Port Configuration:

- 01 = Male NPTF
- 02 = Female NPTF
- 03 = Male JIC 37 Degree
- 05 = Male SAE O-Ring Straight Thread
- 10 = Female SAE Straight Thread
- JM = Male Seal-Lok

#### Configuration:

- 1 = In-line
- 9 = 90 degree

#### Body Size (1/16 of an inch)

#### Parker Swivel designator

\*Contact Division for price and delivery

† On -24 and -32 sizes, Polyurethane U-Cup Seal is standard.

†† For -20 Ports, -24 Body is used.

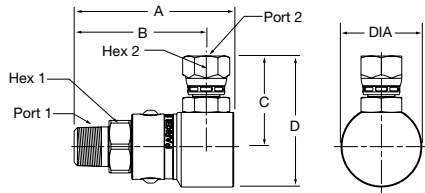
#### PS Series Repair Kits (In-line and 90°)

Repair Kits come complete with O-Rings, PTFE Back-Up Ring, Cap Screws, Locking Balls, Retaining Ring and grease fitting. Repair kits are suitable for both current and previous design in-line and 90° PS Series Swivels.

1/4" Swivel	3/8" Swivel	1/2" Swivel	3/4" Swivel	1" Swivel
PS4-RPR	PS6-RPR	PS8-RPR	PS12-RPR	PS16-RPR
PS4Y-RPR	PS6Y-RPR	PS8Y-RPR	PS12Y-RPR	PS16Y-RPR
PS4A-RPR	PS6A-RPR	PS8A-RPR	PS12A-RPR	PS16A-RPR
PS4W-RPR	PS6W-RPR	PS8W-RPR	PS12W-RPR	PS16W-RPR

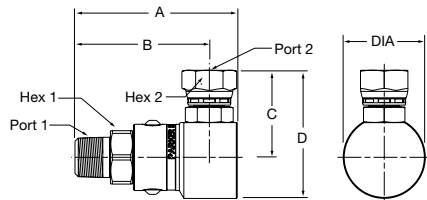
H2C-PS = Bearing Removal Pneumatic Nipple

## Male Pipe - Female 37° Flare



Part Number	A	B	C	D	Diameter	Port 1	Port 2	Wrench Flats 1	Wrench Flats 2
PS490106-4-4	2.85" 72.3 mm	2.44" 62.0 mm	1.47" 37.3 mm	2.07" 52.5 mm	1.20" 30.5 mm	1/4-18 NPTF	7/16-20 UNF	.75" 19.0 mm	.56" 14.3 mm
PS690106-6-6	3.05" 77.4 mm	2.54" 64.4 mm	1.57" 39.9 mm	2.22" 56.3 mm	1.29" 32.8 mm	3/8-18 NPTF	9/16-18 UNF	.88" 22.2 mm	.69" 17.5 mm
PS890106-8-8	3.43" 87.0 mm	2.84" 72.0 mm	1.91" 48.4 mm	2.77" 70.4 mm	1.73" 44.0 mm	1/2-14 NPTF	3/4-16 UNF	1.12" 28.6 mm	.88" 22.2 mm
PS1290106-12-12	3.66" 93.0 mm	3.00" 76.1 mm	2.34" 59.4 mm	3.43" 87.0 mm	2.17" 55.2 mm	3/4-14 NPTF	1-1/16-12 UN	1.38" 35.0 mm	1.25" 31.8 mm
PS1690106-16-16	4.41" 112.0 mm	3.54" 90.0 mm	2.54" 64.6 mm	3.79" 96.2 mm	2.48" 63.0 mm	1-11 1/2 NPTF	1-5/16-12 UN	1.62" 41.3 mm	1.50" 38.1 mm

## Male Pipe - Female NPSM Pipe Swivel



Part Number	A	B	C	D	Diameter	Port 1	Port 2	Wrench Flats 1	Wrench Flats 2
PS490107-4-4	2.85" 72.3 mm	2.44" 62.0 mm	1.48" 37.5 mm	2.08" 52.8 mm	1.20" 30.5 mm	1/4-18 NPTF	1/4-18 NPSM	.75" 19.0 mm	.69" 17.4 mm
PS690107-6-6	3.05" 77.4 mm	2.54" 64.4 mm	1.51" 38.4 mm	2.16" 54.8 mm	1.29" 32.8 mm	3/8-18 NPTF	3/8-18 NPSM	.88" 22.2 mm	.88" 22.2 mm
PS890107-8-8	3.43" 87.0 mm	2.84" 72.0 mm	1.86" 47.2 mm	2.72" 69.2 mm	1.73" 44.0 mm	1/2-14 NPTF	1/2-14 NPSM	1.12" 28.6 mm	1.00" 25.4 mm
PS1290107-12-12	3.66" 93.0 mm	3.00" 76.1 mm	2.24" 56.9 mm	3.33" 84.5 mm	2.17" 55.2 mm	3/4-14 NPTF	3/4-14 NPSM	1.38" 35.0 mm	1.25" 31.8 mm
PS1690107-16-16	4.41" 112.0 mm	3.54" 90.0 mm	2.48" 63.1 mm	3.73" 94.6 mm	2.48" 63.0 mm	1-11 1/2 NPTF	1-11 1/2 NPSM	1.62" 41.3 mm	1.50" 38.1 mm