



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.

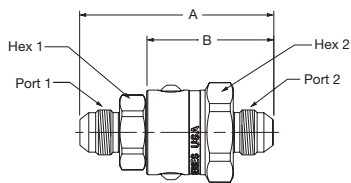
**PS Series Specifications**

Body Size (in.)	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
<b>Maximum Rated Pressure (psi)</b>	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
<b>Temperature Range (std seals)</b>	-40° to 250° F					-30° to 180° F		

**Seal Options**

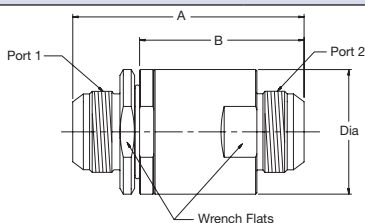
Nitrile (standard unless otherwise designated)
A = Aflas™
W = Ethylene Propylene
Y = Fluorocarbon
Z = Neoprene
For Perfluoroelastomer seal option contact the division.

Male 37° Flare - Male 37° Flare



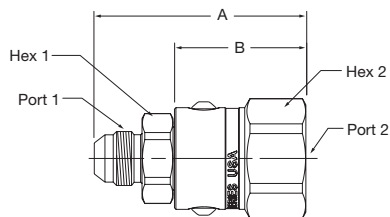
Part Number	A	B	Port 1	Port 2	Wrench Flats 1	Wrench Flats 2
PS410303-4-4	2.86" 72.6 mm	1.87" 47.5 mm	7/16-20 UNF	7/16-20 UNF	.75" 19.0 mm	1.19" 30.2 mm
PS610303-6-6	2.92" 74.1 mm	1.90" 48.3 mm	9/16-18 UNF	9/16-18 UNF	.88" 22.2 mm	1.31" 33.3 mm
PS810303-8-8	3.19" 81.1 mm	2.09" 53.1 mm	3/4-16 UNF	3/4-16 UNF	1.12" 28.6 mm	1.50" 36.5 mm
PS810303-10-10	3.39" 86.2 mm	2.19" 55.6 mm	7/8-14 UNF	7/8-14 UNF	1.12" 28.6 mm	1.50" 36.5 mm
PS1210303-12-12	3.66" 92.9 mm	2.30" 58.4 mm	1-1/16-12 UN	1-1/16-12 UN	1.38" 35.0 mm	1.69" 42.9 mm
PS1610303-16-16	3.88" 98.6 mm	2.45" 62.2 mm	1-5/16-12 UN	1-5/16-12 UN	1.62" 41.3 mm	1.88" 47.6 mm

3 Piece Design



Part Number	A	B	Port 1	Port 2	Wrench Flats 1	Wrench Flats 2
PS2410303-20-20	5.31" 134.8 mm	3.78" 95.9 mm	1 5/8-12 UN	1 5/8-12 UN	2.63" 66.7 mm	2.88" 73.0 mm
PS2410303-24-24	5.31" 134.8 mm	3.78" 95.9 mm	1 7/8-12 UN	1 7/8-12 UN	2.63" 66.7 mm	2.88" 73.0 mm
PS3210303-32-32	6.20" 157.5 mm	4.28" 108.6 mm	2 1/2-12 UN	2 1/2-12 UN	3.06" 77.6 mm	3.35" 85.1 mm

Male 37° Flare - Female 37° Flare



Part Number	A	B	Port 1	Port 2	Wrench Flats 1	Wrench Flats 2
PS410306-4-4	2.72" 69.1 mm	1.73" 43.9 mm	7/16-20 UNF	7/16-20 UNF	.75" 19.0 mm	1.19" 30.2 mm
PS610306-6-6	2.77" 70.3 mm	1.75" 44.5 mm	9/16-18 UNF	9/16-18 UNF	.88" 22.2 mm	1.31" 33.3 mm
<b>PS810306-8-8</b>	<b>2.91"</b> <b>74.0 mm</b>	<b>1.81"</b> <b>46.0 mm</b>	<b>3/4-16</b> <b>UNF</b>	<b>3/4-16</b> <b>UNF</b>	<b>1.12"</b> <b>28.6 mm</b>	<b>1.50"</b> <b>36.5 mm</b>
PS1210306-12-12	3.38" 85.8 mm	2.02" 51.3 mm	1-1/16-12 UN	1-1/16-12 UN	1.38" 35.0 mm	1.69" 42.9 mm
PS1610306-16-16	3.62" 92.0 mm	2.19" 55.6 mm	1-5/16-12 UN	1-5/16-12 UN	1.62" 41.3 mm	1.88" 47.6 mm