







# 2010 PRODUCT CATALOG

HYDRAULIC SOLUTIONS  
FOR CHALLENGING ENVIRONMENTS





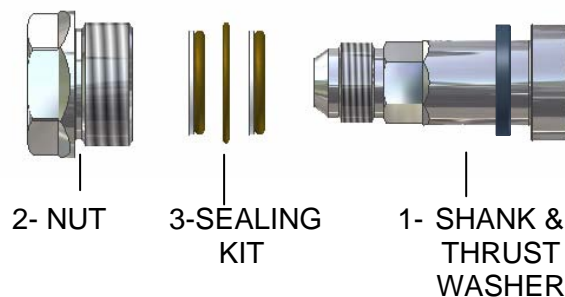
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## ADVANTAGES OF USING TAIMI SWIWELL PRODUCTS

TAIMI's unique ball-less design swivel products brings reliability to your hydraulic systems, increasing service life and cutting out leakages. This translates in higher productivity and lower operating costs.

Let's explain the different components integrated into the Taimi **"Ball-Less"** swivel design, which provides such excellent results.



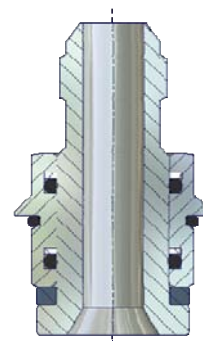
Our exclusive shank-nut assembly (cartridge) is key to the effectiveness of our design.

1. The long span of the shank allows for optimal load distribution. This shank is inserted through the bottom of the nut. The slick thrust washer is built out of a low friction self-lubricating polymer yielding very high performance shock absorption characteristics.
2. The sturdy nut securely fastens the rotating shank to a housing, a block or a manifold, and prevents it from ever dismantling during operation.
3. Superior sealing is achieved in two stages; first by contact under pressure between the thrust washer and the nut, and then by two (2) sets of oversized Viton o-rings and Teflon backups, completing the assembly for unmatched reliability.

The benefits of our exclusive design are:

- A- BETTER WEAR RESISTANCE
- B- BETTER SIDE LOAD RESISTANCE
- C- NO DISMANTLING (INCLUDING ASSOCIATED DOWNTIMES AND OIL SPILLS)
- D- FEWER HYDRAULIC LEAKS
- E- QUICKER, CHEAPER AND EASIER MAINTENANCE
- F- WORKS WELL UNDER HIGHER PRESSURE
- G- POSSIBLE INTEGRATION INTO MANIFOLD DESIGNS





## MATERIAL OPTIONS

### Standard

### Options

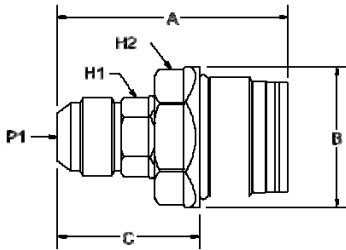
Shank, Nut .....	Carbon steel	Stainless
Plating .....	White (Blue) ZincNickel	Nickel, Arcor ®
Seals .....	Viton ®	AFLAS ®

## HOW TO ORDER

**SZ4 – 12– J 01 M –** –

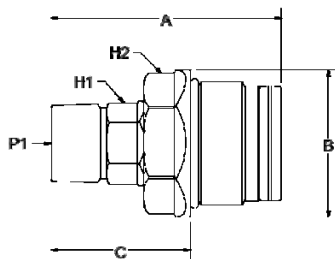
	Seal Code:	Blank = Viton ®
	Shank Configuration	• M Male
	Assembly number	
	Shank Thread Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
	Shank Size ( 1/16 of an inch )	
	Swiwell Cartridge Designator	

### Male 37° Flare



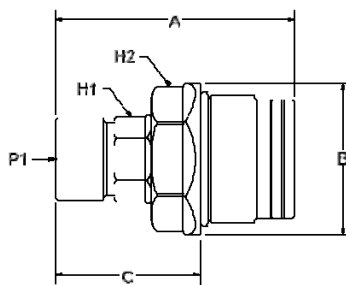
Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ4-06-J01M</b>	1.90"	1.25"	1.13"	9/16" – 18 UNF	1/2"	1"	SZ-06-001SK-A
<b>SZ4-08-J01M</b>	2.53"	1.50"	1.56"	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
<b>SZ4-12-J01M</b>	3.15"	2.00"	1.95"	1 1/16" – 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ4-16-J01M</b>	3.63"	2.22"	2.38"	1 5/16" – 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ4-20-J01M</b>	3.96"	2.75"	2.55"	1 5/8" – 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ4-24-J01M</b>	4.17"	3.00"	2.68"	1 7/8" – 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ4-32-J01M</b>	5.03"	3.88"	3.28"	2 1/2" – 12 UN	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male Pipe



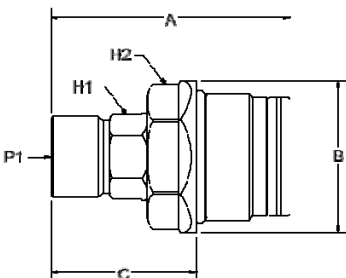
Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ4-08-F01M</b>	2.38"	1.53"	1.41"	1/2" NPTF	3/4"	1 5/16"	<b>SZ-08-002SK-A</b>
<b>SZ4-12-F01M</b>	3.06"	2.00"	1.86"	3/4" NPTF	15/16"	1 5/8"	<b>SZ-12-001SK-A</b>
<b>SZ4-16-F01M</b>	3.25"	2.22"	2.00"	1" NPTF	1 3/16"	1 7/8"	<b>SZ-16-001SK-A</b>
<b>SZ4-20-F01M</b>	3.63"	2.75"	2.22"	1 1/4" NPTF	1 1/2"	2 3/8"	<b>SZ-20-001SK-A</b>
<b>SZ4-24-F01M</b>	3.78"	3.00"	2.30"	1 1/2" NPTF	1 3/4"	2 1/2"	<b>SZ-24-001SK-A</b>
<b>SZ4-32-F01M</b>	4.53"	3.88"	2.78"	2" NPTF	2 5/16"	3 1/4"	<b>SZ-32-001SK-A</b>

### Male BSPP



Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ4-06-P01M</b>	1.81"	1.35"	1.05"	G 3/8	5/8"	1 1/4"	<b>SZ-06-002SK-A</b>
<b>SZ4-08-P01M</b>	2.36"	1.53"	1.39"	G 1/2	3/4"	1 5/16"	<b>SZ-08-002SK-A</b>
<b>SZ4-12-P01M</b>	3.00"	2.00"	1.86"	G 3/4	15/16"	1 5/8"	<b>SZ-12-001SK-A</b>
<b>SZ4-16-P01M</b>	3.50"	2.22"	2.25"	G 1	1 3/16"	1 7/8"	<b>SZ-16-001SK-A</b>
<b>SZ4-20-P01M</b>	3.63"	2.75"	2.25"	G 1 1/4	1 1/2"	2 3/8"	<b>SZ-20-001SK-A</b>

### Male O-ring Face Seal



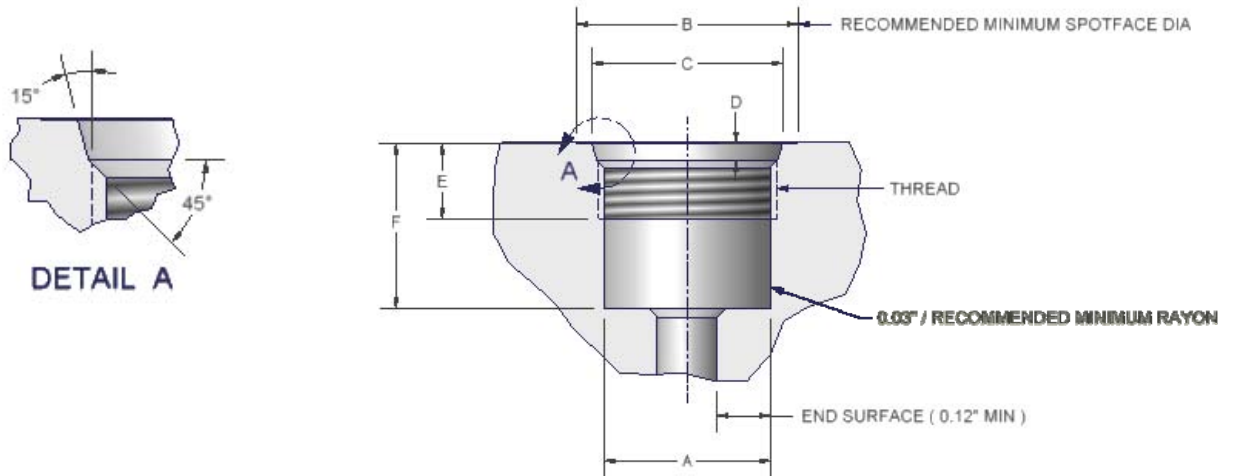
Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ4-08-S01M</b>	2.41"	1.53"	1.44"	13/16" – 16 UNF	3/4"	1 5/16"	<b>SZ-08-002SK-A</b>
<b>SZ4-12-S01M</b>	3.06"	2.09"	1.86"	1 3/16" – 12 UN	1 1/16"	1 3/4"	<b>SZ-12-002SK-A</b>
<b>SZ4-16-S01M</b>	3.50"	2.31"	2.25"	1 7/16" – 12 UN	1 5/16"	2"	<b>SZ-16-002SK-A</b>
<b>SZ4-20-S01M</b>	3.69"	2.75"	2.29"	1 11/16" – 12 UN	1 9/16"	2 3/8"	<b>SZ-20-002SK-A</b>

### Male Metric ( DIN 3852 )

Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ4-30-M01M</b>	2.90"	2.09"	1.70"	M30 X 2.0	27 mm	44 mm	<b>SZ-12-002SK-A</b>



## SWIVEL CARTRIDGES BORE DIMENSIONS

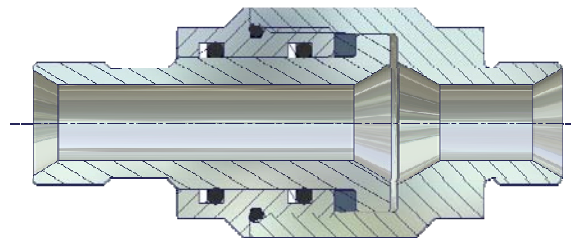


Sizes & Configuration	A	B	C	D	E	F	Thread
J06, F06	0.920"- 0.925"	1.28"	1.068"-1.073"	0.100"-0.105"	0.50"-0.53"	0.808"-0.818"	1.00" – 12 UN – 1B
P06, S06	1.045"- 1.050"	1.38"	1.183"-1.188"	0.100"-0.105"	0.50"-0.53"	0.808"-0.818"	1.12" – 12 UN – 1B
J08, F08	1.170"-1.175"	1.53"	1.310"-1.315"	0.100"-0.105"	0.69"-0.72"	1.010"-1.020"	1.25" – 12 UN – 1B
P08, S08	1.235"-1.240"	1.56"	1.373"-1.378"	0.100"-0.105"	0.69"-0.72"	1.010"-1.020"	1.31" – 12 UN – 1B
J12, P12, F12	1.545"-1.550"	2.03"	1.690"-1.695"	0.125"-0.130"	0.81"-0.84"	1.260"-1.270"	1.63" – 12 UN – 1B
S12, M30	1.670"-1.675"	2.13"	1.860"-1.865"	0.125"-0.130"	0.81"-0.84"	1.260"-1.270"	1.75" – 12 UN – 1B
J16, F16, P16	1.795"-1.800"	2.25"	1.940"-1.945"	0.125"-0.130"	0.81"-0.84"	1.325"-1.335"	1.88" – 12 UN – 1B
S16	1.915"-1.920"	2.38"	2.107"-2.112"	0.125"-0.130"	0.81"-0.84"	1.325"-1.335"	2.00" – 12 UN – 1B
J20, F20, S20	2.295"-2.300"	2.78"	2.430"-2.435"	0.125"-0.130"	1.00"-1.03"	1.475"-1.485"	2.38" – 12 UN – 1B
J24, F24	2.545"-2.550"	3.03"	2.690"-2.695"	0.125"-0.130"	1.00"-1.03"	1.575"-1.585"	2.63" – 12 UN – 1B
J32, F32	3.295"-3.300"	3.94"	3.460"-3.465"	0.125"-0.130"	1.12"-1.15"	1.835"-1.845"	3.38" – 12 UN – 1B

SHANK INTERCHANGE				
Sizes	JIC	BSPP	NPTF	ORFS
06	-			
08	-			
12				-
16				-
20				-
24		na		na
32		na		na
shank interchange			na ( not available )	

SWIWELL CARTRIDGE TORQUE		
Sizes	Recommended Ft-lbs	Min
06	200	150
08	270	235
12	350	300
16	400	350
20	500	450
24	550	500
32	650	600
- Dry torque - Lubricate external o-ring		





## MATERIAL OPTIONS

Shank, Nut, Housing  
Plating  
Seals

## Standard

Carbon steel  
White (Blue) Zinc  
VITON®

## Options

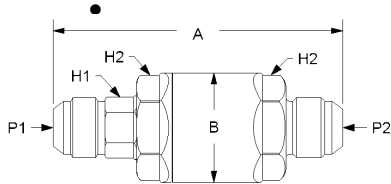
Stainless  
Nickel, Arcor®  
AFLAS®

## HOW TO ORDER

**SZ – J 12 M – J 12 M – \_**

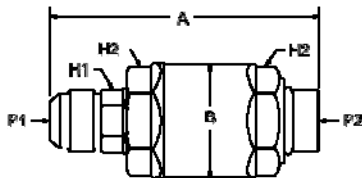
					Seal Code:	Blank = Standard
					Housing Configuration	<ul style="list-style-type: none"> <li>• M Male</li> <li>• F Female</li> </ul>
					Housing Size ( 1/16 of an inch )	
					Housing Thread Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• JB JIC 37° Flare - SAE ( O-Ring Boss )</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
					Shank Configuration	<ul style="list-style-type: none"> <li>• M Male</li> </ul>
					Shank Size ( 1/16 of an inch )	
					Shank Thread Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• F NPTF</li> <li>• M METRIC</li> </ul>
					Swiwell Designator	

### Male 37° Flare - Male 37° Flare



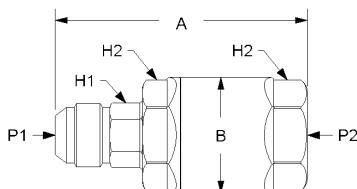
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-J06M-J06M</b>	2.91"	1.25"	9/16" – 18 UNF	9/16" – 18 UNF	1/2"	1"	SZ-06-001SK-A
<b>SZ-J08M-J08M</b>	3.88"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
<b>SZ-J12M-J12M</b>	4.94"	2.00"	1 1/16"- 12 UN	1 1/16"- 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-J16M-J16M</b>	5.56"	2.22"	1 5/16"- 12 UN	1 5/16"- 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-J20M-J20M</b>	6.06"	2.75"	1 5/8"- 12 UN	1 5/8"- 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ-J24M-J24M</b>	6.44"	3.00"	1 7/8"- 12 UN	1 7/8"- 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ-J32M-J32M</b>	7.69"	3.88"	2 1/2"- 12 UN	2 1/2"- 12 UN	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male 37° Flare - Male O-Ring Boss ( ORB )



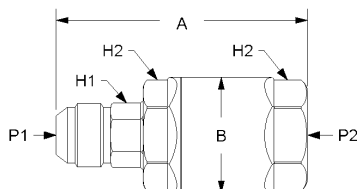
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-J08M-B08M</b>	3.56"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
<b>SZ-J12M-B12M</b>	4.63"	2.00"	1 1/16"- 12 UN	1 1/16"- 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-J16M-B16M</b>	5.12"	2.22"	1 5/16"- 12 UN	1 5/16"- 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-J20M-B20M</b>	5.44"	2.75"	1 5/8"- 12 UN	1 5/8"- 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ-J24M-B24M</b>	5.69"	3.00"	1 7/8"- 12 UN	1 7/8"- 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ-J32M-B32M</b>	6.81"	3.88"	2 1/2"- 12 UN	2 1/2"- 12 UN	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male 37° Flare – Combo - Female 37° Flare / Female O-Ring Boss ( ORB ) / SAE J1926-3



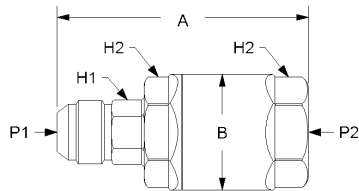
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-J08M-JB08F</b>	3.31"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
<b>SZ-J12M-JB12F</b>	4.12"	2.00"	1 1/16"- 12 UN	1 1/16"- 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-J16M-JB16F</b>	4.63"	2.22"	1 5/16"- 12 UN	1 5/16"- 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-J20M-JB20F</b>	5.12"	2.75"	1 5/8"- 12 UN	1 5/8"- 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ-J24M-JB24F</b>	5.34"	3.00"	1 7/8"- 12 UN	1 7/8"- 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ-J32M-JB32F</b>	6.50"	3.88"	2 1/2"- 12 UN	2 1/2"- 12 UN	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male 37° Flare – Female O-Ring Boss ( ORB ) / SAE J1926-2



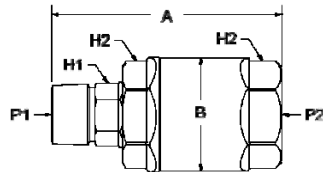
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-J08M-B08F</b>	3.31"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
<b>SZ-J12M-B12F</b>	4.12"	2.00"	1 1/16"- 12 UN	1 1/16"- 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-J16M-B16F</b>	4.63"	2.22"	1 5/16"- 12 UN	1 5/16"- 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-J20M-B20F</b>	5.12"	2.75"	1 5/8"- 12 UN	1 5/8"- 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ-J24M-B24F</b>	5.34"	3.00"	1 7/8"- 12 UN	1 7/8"- 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ-J32M-B32F</b>	6.50"	3.88"	2 1/2"- 12 UN	2 1/2"- 12 UN	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male 37° Flare – Female Pipe



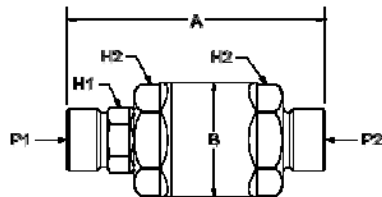
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-J08M-F08F</b>	3.31"	1.50"	3/4" – 16 UNF	1/2" NPTF	1 1/16"	1 1/4"	SZ-08-001SK-A
<b>SZ-J12M-F12F</b>	4.19"	2.00"	1 1/16" – 12 UN	3/4" NPTF	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-J16M-F16F</b>	4.88"	2.22"	1 5/16" – 12 UN	1" NPTF	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-J20M-F20F</b>	5.37"	2.75"	1 5/8" – 12 UN	1 1/4" NPTF	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ-J24M-F24F</b>	5.62"	3.00"	1 7/8" – 12 UN	1 1/2" NPTF	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ-J32M-F32F</b>	6.65"	3.88"	2 1/2" – 12 UN	2" NPTF	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male Pipe – Female Pipe



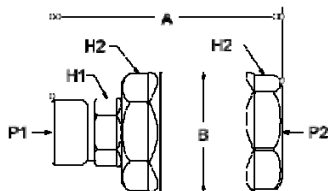
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-F08M-F08F</b>	3.00"	1.53"	1/2" NPTF	1/2" NPTF	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-F12M-F12F</b>	3.88"	2.00"	3/4" NPTF	3/4" NPTF	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-F16M-F16F</b>	4.12"	2.22"	1" NPTF	1" NPTF	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-F20M-F20F</b>	4.88"	2.75"	1 1/4" NPTF	1 1/4" NPTF	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ-F24M-F24F</b>	5.06"	3.00"	1 1/2" NPTF	1 1/2" NPTF	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ-F32M-F32F</b>	5.75"	3.88"	2" NPTF	2" NPTF	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male BSPP- Male BSPP



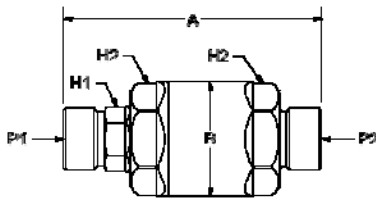
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-P08M-P08M</b>	3.44"	1.53"	G 1/2	G 1/2	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-P12M-P12M</b>	4.52"	2.00"	G 3/4	G 3/4	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-P16M-P16M</b>	5.06"	2.22"	G 1	G 1	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-P20M-P20M</b>	5.25"	2.75"	G 1 1/4	G 1 1/4	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male BSPP- Female BSPP



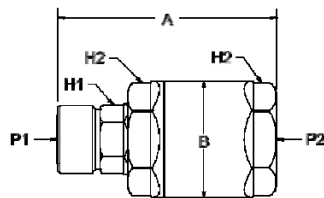
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-P08M-P08F</b>	2.94"	1.53"	G 1/2	G 1/2	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-P12M-P12F</b>	3.81"	2.00"	G 3/4	G 3/4	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-P16M-P16F</b>	4.31"	2.22"	G 1	G 1	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ-P20M-P20F</b>	4.50"	2.75"	G 1 1/4	G 1 1/4	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male ORFS- Male ORFS



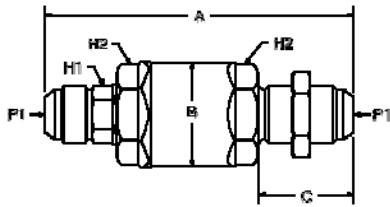
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-S08M-S08M</b>	3.50"	1.53"	13/16" – 16 UNF	13/16" – 16 UNF	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-S12M-S12M</b>	4.52"	2.09"	1 3/16" - 12 UN	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
<b>SZ-S16M-S16M</b>	5.12"	2.31"	1 7/16" - 12 UN	1 7/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
<b>SZ-S20M-S20M</b>	5.46"	2.75"	1 11/16" - 12 UN	1 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A

### Male ORFS- Female ORFS



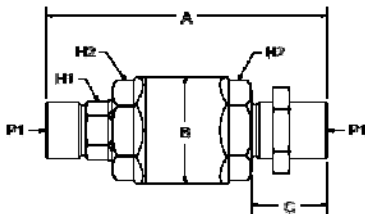
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-S08M-S08F</b>	3.00"	1.53"	13/16" – 16 UNF	13/16" – 16 UNF	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-S12M-S12F</b>	3.86"	2.09"	1 3/16" - 12 UN	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
<b>SZ-S16M-S16F</b>	4.38"	2.31"	1 7/16" - 12 UN	1 7/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
<b>SZ-S20M-S20F</b>	4.68"	2.75"	1 11/16" - 12 UN	1 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A

### Male 37° Flare – Male 37° Flare Bulkhead



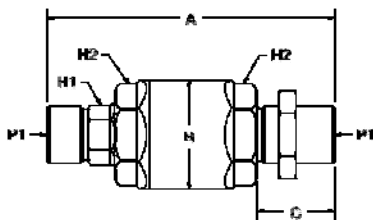
Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ-J08M-J08MB</b>	4.63"	1.50"	1.50"	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
<b>SZ-J12M-J12MB</b>	5.69"	2.00"	1.75"	1 1/16" – 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-J16M-J16MB</b>	6.31"	2.22"	1.88"	1 5/16" – 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A

### Male BSPP- Male BSPP Bulkhead



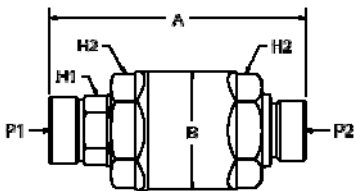
Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ-P08M-P08MB</b>	4.25"	1.53"	1.31"	G 1/2	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-P12M-P12MB</b>	5.25"	2.00"	1.41"	G 3/4	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ-P16M-P16MB</b>	5.88"	2.22"	1.56"	G 1	1 3/16"	1 7/8"	SZ-16-001SK-A

### Male ORFS- Male ORFS Bulkhead

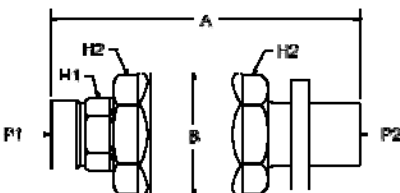


Part no.	A	B	C	P1	H1	H2	Seal kit
<b>SZ-S08M-S08MB</b>	4.25"	1.53"	1.31"	13/16" – 12 UNF	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ-S12M-S12MB</b>	5.25"	2.09"	1.41"	1 3/16" – 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
<b>SZ-S16M-S16MB</b>	5.88"	2.31"	1.56"	1 7/16" – 12 UN	1 5/16"	2"	SZ-16-002SK-A

### Male Metric- Male Metric ( DIN 3852 ) Male Metric- Male Metric Bulkhead ( DIN 3852 )



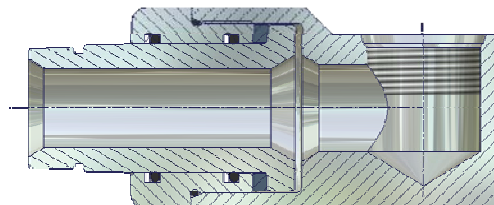
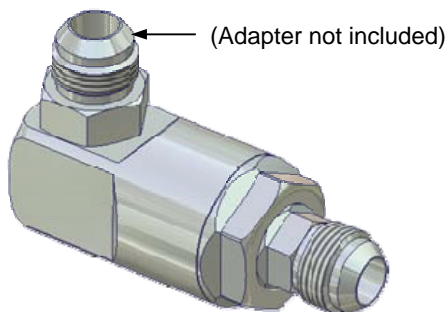
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZ-M30M-M27M</b>	4.45"	2.09"	M30 X 2.0	M27 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
<b>SZ-M30M-M30MB</b>	5.25"	2.09"	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A



Other sizes and configurations available upon request.







## MATERIAL OPTIONS

Shank. Nut, Housing  
 Plating  
 Seals

## Standard

Carbon steel  
 White (Blue) Zinc  
 VITON®

## Options

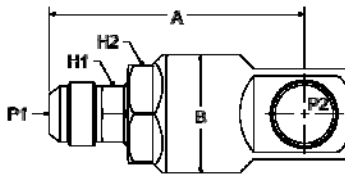
Stainless  
 Nickel, Arcor®  
 VITON®, AFLAS®

## HOW TO ORDER

**SZ90 – J 12 M – B 12 F – \_**

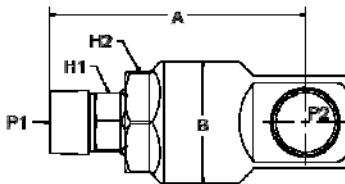
							Seal Code:	Blank = Standard
							Housing Configuration	<ul style="list-style-type: none"> <li>• M Male</li> <li>• F Female</li> </ul>
							Housing Size ( 1/16 of an inch )	
							Housing Thread port Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• JB JIC 37° Flare - SAE ( O-ring Boss )</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
							Shank Configuration	<ul style="list-style-type: none"> <li>• M Male</li> </ul>
							Shank Size ( 1/16 of an inch )	
							Shank Thread Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
							90° Swiwell Designator	

### Male 37° Flare – Female O-Ring Boss ( ORB )



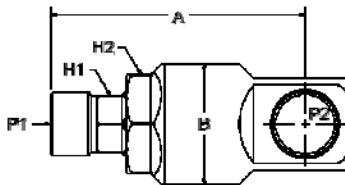
Part no.	A	B	P1	P2	H1	H2	Sealing kit
<b>SZ90-J08M-B08F</b>	3.34"	1.50"	3/4" – 16 UNF	SAE 08	1 1/16"	1 1/4"	SZ-08-001SK-A
<b>SZ90-J12M-B12F</b>	4.26"	2.00"	1 1/16"- 12 UN	SAE 12	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ90-J16M-B16F</b>	4.91"	2.22"	1 5/16"- 12 UN	SAE 16	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ90-J20M-B20F</b>	5.71"	2.75"	1 5/8"- 12 UN	SAE 20	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ90-J24M-B24F</b>	6.18"	2.97"	1 7/8"- 12 UN	SAE 24	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ90-J32M-B32F</b>	7.59"	3.89"	2 1/2"- 12 UN	SAE 32	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male Pipe – Female O-Ring Boss ( ORB )



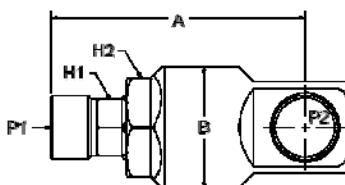
Part no.	A	B	P1	P2	H1	H2	Sealing kit
<b>SZ90-F08M-B08F</b>	3.19"	1.50"	1/2" NPTF	SAE 08	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ90-F12M-B12F</b>	4.17"	2.00"	3/4" NPTF	SAE 12	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ90-F16M-B16F</b>	4.60"	2.22"	1" NPTF	SAE 16	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ90-F20M-B20F</b>	5.38"	2.75"	1 1/4" NPTF	SAE 20	1 1/2"	2 3/8"	SZ-20-001SK-A
<b>SZ90-F24M-B24F</b>	5.80"	2.97"	1 1/2" NPTF	SAE 24	1 3/4"	2 1/2"	SZ-24-001SK-A
<b>SZ90-F32M-B32F</b>	7.09"	3.89"	2" NPTF	SAE 32	2 5/16"	3 1/4"	SZ-32-001SK-A

### Male BSPP – Female O-Ring Boss ( ORB )



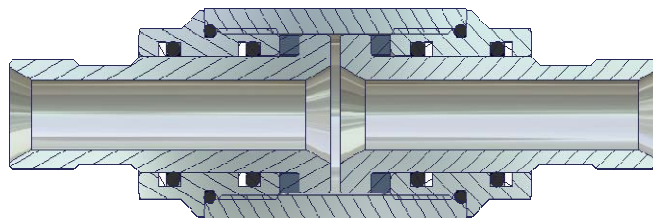
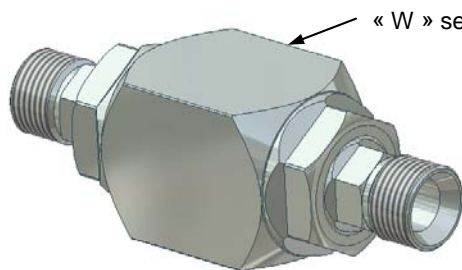
Part no.	A	B	P1	P2	H1	H2	Sealing kit
<b>SZ90-P08M-B08F</b>	3.22"	1.50"	G 1/2	SAE 08	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ90-P12M-B12F</b>	4.20"	2.00"	G 3/4	SAE 12	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZ90-P16M-B16F</b>	4.84"	2.22"	G 1	SAE 16	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZ90-P20M-B20F</b>	5.44"	2.75"	G 1 1/4	SAE 20	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male ORFS – Female O-Ring Boss ( ORB )



Part no.	A	B	P1	P2	H1	H2	Sealing kit
<b>SZ90-S08M-B08F</b>	3.22"	1.53"	13/16" – 16 UNF	SAE 08	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZ90-S12M-B12F</b>	4.20"	2.09"	1 3/16"- 12 UN	SAE 12	1 1/16"	1 3/4"	SZ-12-002SK-A
<b>SZ90-S16M-B16F</b>	4.84"	2.31"	1 7/16"- 12 UN	SAE 16	1 5/16"	2"	SZ-16-002SK-A
<b>SZ90-S20M-B20F</b>	5.44"	2.75"	1 11/16"- 12 UN	SAE 20	1 1/2"	2 3/8"	SZ-20-002SK-A

Other sizes and configurations available upon request.



## MATERIAL OPTIONS

Shank, Nut, Housing .....	Standard	Options
Plating .....	Carbon steel	Stainless
Seals .....	White (Blue) Zinc	Nickel, Arcor ®
	Viton ®	Viton, AFLAS ®

## HOW TO ORDER

**SZZ – J 12 M – J 12 M – \_**

Seal Code: Blank = Viton ®

Shank Configuration

- M Male
- F Female

Shank Size ( 1/16 of an inch )

Shank Thread port Configuration

- J JIC 37° Flare
- F NPTF
- P BSPP
- S ORFS ( O-ring face Seal )
- M METRIC

Shank Configuration

- M Male

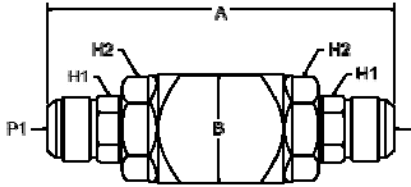
Shank Size ( 1/16 of an inch )

Shank Thread Configuration

- J JIC 37° Flare
- F NPTF
- P BSPP
- S ORFS ( O-ring face Seal )
- M METRIC

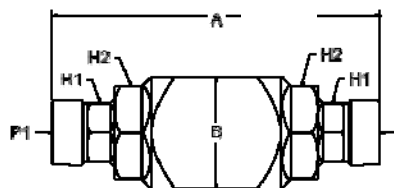
Dual Swiwell Designator

### Male 37° Flare - Male 37° Flare



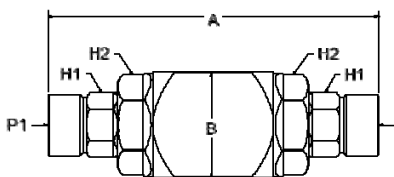
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZZ-J08M-J08M</b>	5.12"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	1 1/16"	1 1/4"	SZ-08-001SK-A
<b>SZZ-J12M-J12M</b>	6.38"	2.00"	1 1/16"- 12 UN	1 1/16"- 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZZ-J16M-J16M</b>	7.22"	2.25"	1 5/16"- 12 UN	1 5/16"- 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZZ-J20M-J20M</b>	8.00"	2.75"	1 5/8"- 12 UN	1 5/8"- 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male Pipe - Male Pipe



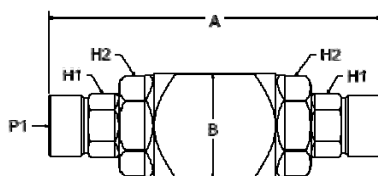
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZZ-F08M-F08M</b>	4.83"	1.63"	1/2" NPTF	1/2" NPTF	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZZ-F12M-F12M</b>	6.22"	2.00"	3/4" NPTF	3/4" NPTF	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZZ-F16M-F16M</b>	6.60"	2.25"	1" NPTF	1" NPTF	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZZ-F20M-F20M</b>	7.34"	2.75"	1 1/4" NPTF	1 1/4" NPTF	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male BSPP- Male BSPP



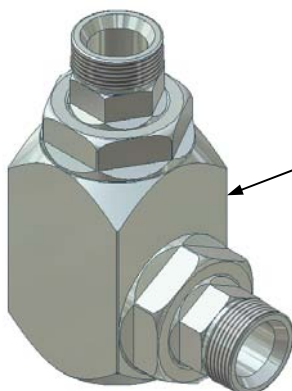
Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZZ-P08M-P08M</b>	4.81"	1.63"	G 1/2	G 1/2	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZZ-P12M-P12M</b>	6.19"	2.00"	G 3/4	G 3/4	15/16"	1 5/8"	SZ-12-001SK-A
<b>SZZ-P16M-P16M</b>	7.09"	2.25"	G 1	G 1	1 3/16"	1 7/8"	SZ-16-001SK-A
<b>SZZ-P20M-P20M</b>	7.31"	2.75"	G 1 1/4	G 1 1/4	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male ORFS- Male ORFS

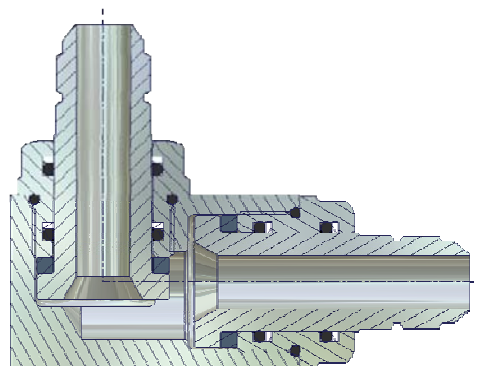


Part no.	A	B	P1	P2	H1	H2	Seal kit
<b>SZZ-S08M-S08M</b>	4.89"	1.63"	13/16" – 16 UNF	13/16" – 16 UNF	3/4"	1 5/16"	SZ-08-002SK-A
<b>SZZ-S12M-S12M</b>	6.22"	2.13"	1 3/16"- 12 UN	1 3/16"- 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
<b>SZZ-S16M-S16M</b>	7.09"	2.50"	1 7/16"- 12 UN	1 7/16"- 12 UN	1 5/16"	2"	SZ-16-002SK-A
<b>SZZ-S20M-S20M</b>	7.47"	2.75"	1 11/16"- 12 UN	1 11/16"- 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A

Other sizes and configurations available upon request.



« W » series ( welding possibilities )



## MATERIAL OPTIONS

Shank, Nut, Housing  
Plating  
Seals

## Standard

Carbon steel  
White (Blue) Zinc  
VITON®

## Options

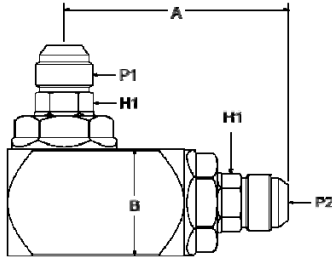
Stainless steel 304, 440  
Nickel, Arcor®  
AFLAS®

## HOW TO ORDER

**SM290 – J 12 M – J 12 M – \_**

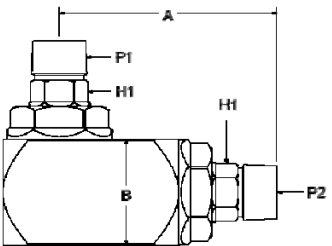
					Seal Code:	Blank = Standard
					Shank Configuration	<ul style="list-style-type: none"> <li>• M Male</li> <li>• F Female</li> </ul>
					Shank Size ( 1/16 of an inch )	
					Shank Thread port Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
					Shank Configuration	<ul style="list-style-type: none"> <li>• M Male</li> </ul>
					Shank Size ( 1/16 of an inch )	
					Shank Thread Configuration	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
					Dual 90° Swiwell Manifold Designator	

### Male 37° Flare - Male 37° Flare



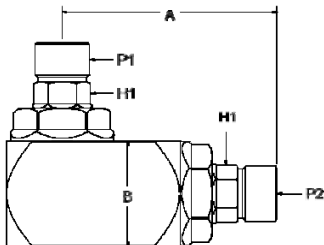
Part no.	A	B	P1	P2	H1	H2	Seal kit
SM290-J08M-J08M	3.37"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
SM290-J12M-J12M	4.20"	2.00"	1 1/16"- 12 UN	1 1/16"- 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
SM290-J16M-J16M	4.72"	2.22"	1 5/16"- 12 UN	1 5/16"- 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
SM290-J20M-J20M	5.43"	2.75"	1 5/8"- 12 UN	1 5/8"- 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male Pipe - Male Pipe



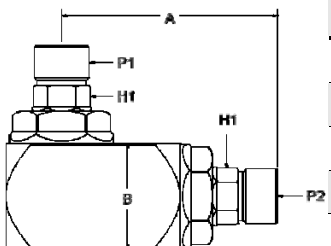
Part no.	A	B	P1	P2	H1	H2	Seal kit
SM290-F08M-F08M	3.19"	1.50"	1/2" NPTF	1/2" NPTF	3/4"	1 5/16"	SZ-08-002SK-A
SM290-F12M-F12M	4.11"	2.00"	3/4" NPTF	3/4" NPTF	15/16"	1 5/8"	SZ-12-001SK-A
SM290-F16M-F16M	4.41"	2.22"	1" NPTF	1" NPTF	1 3/16"	1 7/8"	SZ-16-001SK-A
SM290-F20M-F20M	5.09"	2.75"	1 1/4" NPTF	1 1/4" NPTF	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male BSPP- Male BSPP



Part no.	A	B	P1	P2	H1	H2	Seal kit
SM290-P08M-P08M	3.19"	1.53"	G 1/2	G 1/2	3/4"	1 5/16"	SZ-08-002SK-A
SM290-P12M-P12M	4.11"	2.00"	G 3/4	G 3/4	15/16"	1 5/8"	SZ-12-001SK-A
SM290-P16M-P16M	4.41"	2.22"	G 1	G 1	1 3/16"	1 7/8"	SZ-16-001SK-A
SM290-P20M-P20M	5.09"	2.75"	G 1 1/4	G 1 1/4	1 1/2"	2 3/8"	SZ-20-001SK-A

### Male ORFS- Male ORFS



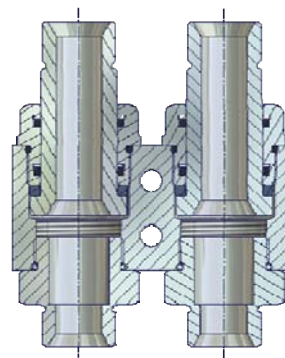
Part no.	A	B	P1	P2	H1	H2	Seal kit
SM290-S08M-S08M	3.19"	1.62"	13/16" – 16 UNF	13/16" – 16 UNF	3/4"	1 5/16"	SZ-08-002SK-A
SM290-S12M-S12M	4.11"	2.12"	1 3/16"- 12 UN	1 3/16"- 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
SM290-S16M-S16M	4.41"	2.50"	1 7/16"- 12 UN	1 7/16"- 12 UN	1 5/16"	2"	SZ-16-002SK-A
SM290-S20M-S20M	5.09"	2.75"	1 11/16"- 12 UN	1 11/16"- 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A

Other sizes and configurations available upon request.



#### Possibilities of assembly

- Bolting
- Welding



#### MATERIAL OPTIONS

Shank, Nut, Manifold  
Plating  
Seals

#### Standard

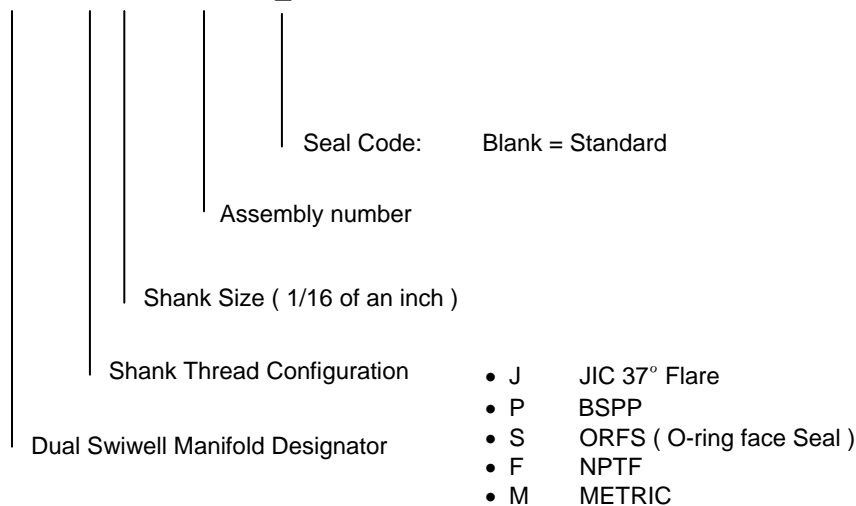
Carbon steel  
White (Blue) Zinc  
VITON ®

#### Options

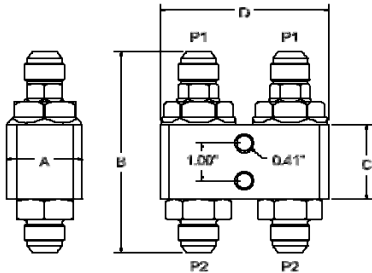
Stainless  
Nickel, Arcor ®  
AFLAS ®

#### HOW TO ORDER

**SM2A – J 12 – 501 – \_**

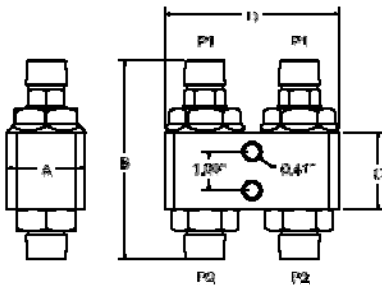


### Dual / Male 37° Flare



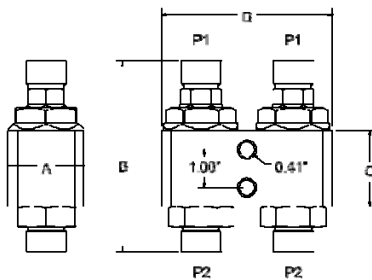
Part no.	A	B	C	D	P1	P2	Seal kit
<b>SM2A-J08-501</b>	1.63"	4.45"	1.63"	3.69"	3/4" – 16 UNF	3/4" – 16 UNF	SZ-08-001SK-A
<b>SM2A-J12-501</b>	2.00"	5.35"	2.00"	4.50"	1 1/16"- 12 UN	1 1/16"- 12 UN	SZ-12-001SK-A
<b>SM2A-J16-501</b>	2.25"	6.31"	2.25"	5.00"	1 5/16"- 12 UN	1 5/16"- 12 UN	SZ-16-001SK-A
<b>SM2A-J20-501</b>	2.75"	7.13"	2.75"	6.12"	1 5/8"- 12 UN	1 5/8"- 12 UN	SZ-20-001SK-A

### Dual / Male Pipe ( NPTF )



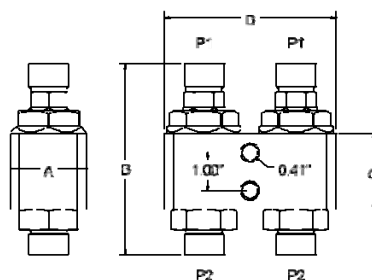
Part no.	A	B	C	D	P1	P2	Seal kit
<b>SM2A-F08-501</b>	1.63"	4.10"	1.63"	3.69"	1/2" NPTF	1/2" NPTF	SZ-08-002SK-A
<b>SM2A-F12-501</b>	2.00"	5.05"	2.00"	4.50"	3/4" NPTF	3/4" NPTF	SZ-12-001SK-A
<b>SM2A-F16-501</b>	2.25"	5.59"	2.25"	5.00"	1" NPTF	1" NPTF	SZ-16-001SK-A
<b>SM2A-F20-501</b>	2.75"	6.42"	2.75"	6.12"	1 1/4" NPTF	1 1/4" NPTF	SZ-20-001SK-A

### Dual / Male BSPP- Male BSPP



Part no.	A	B	C	D	P1	P2	Seal kit
<b>SM2A-P08-501</b>	1.63"	4.08"	1.63"	3.69"	G 1/2	G 1/2	SZ-08-002SK-A
<b>SM2A-P12-501</b>	2.00"	5.14"	2.00"	4.50"	G 3/4	G 3/4	SZ-12-001SK-A
<b>SM2A-P16-501</b>	2.25"	5.86"	2.25"	5.00"	G 1	G 1	SZ-16-001SK-A
<b>SM2A-P20-501</b>	2.75"	6.42"	2.75"	6.12"	G 1 1/4	G 1 1/4	SZ-20-001SK-A

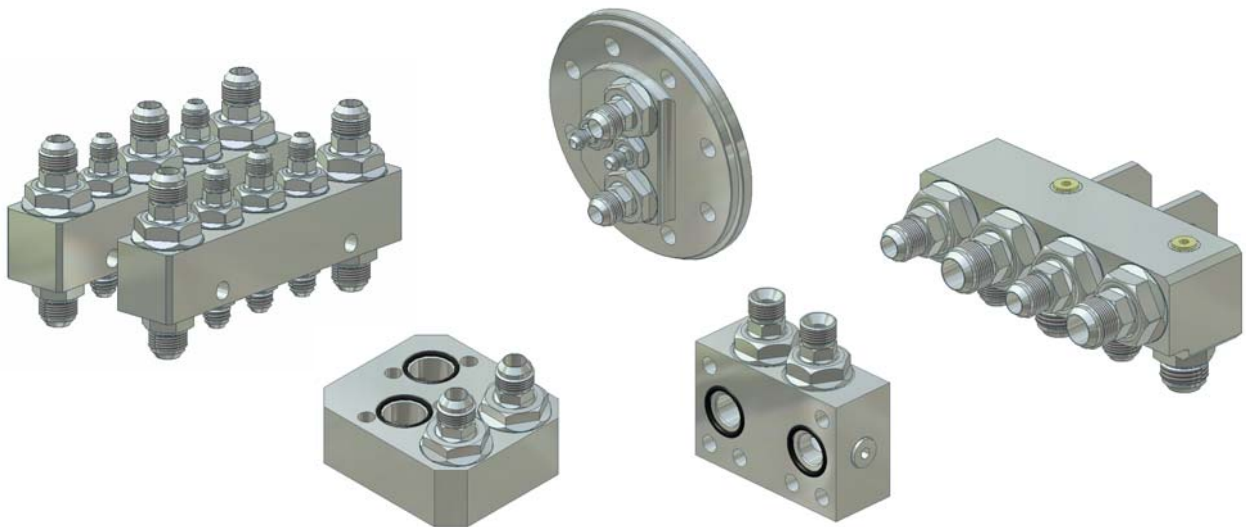
### Dual / Male ORFS- Male ORFS



Part no.	A	B	C	D	P1	P2	Seal kit
<b>SM2A-S08-501</b>	1.63"	4.04"	1.63"	3.69"	13/16" – 16 UNF	13/16" – 16 UNF	SZ-08-002SK-A
<b>SM2A-S12-501</b>	2.25"	5.25"	2.25"	4.75"	1 3/16"- 12 UN	1 3/16"- 12 UN	SZ-12-002SK-A
<b>SM2A-S16-501</b>	2.50"	5.97"	2.50"	5.38"	1 7/16"- 12 UN	1 7/16"- 12 UN	SZ-16-002SK-A
<b>SM2A-S20-501</b>	2.75"	6.35"	5.56"	6.12"	1 11/16"- 12 UN	1 11/16"- 12 UN	SZ-20-002SK-A

Other sizes and configurations available upon request.





## MATERIALS OF CONSTRUCTION

Shank, Nut, Manifold  
Plating  
Seals

## Standard

Carbon steel  
White (Blue) Zinc  
VITON ®

## Options

Stainless steel  
Nickel, Arcor ®  
AFLAS ®

## FORWARDER CRANES All models

Part no.	Reference	A	B	C	Ports ( qty )	Threads	Lbs
<b>SM5F-J1208-501</b>	Main coupler	9.63"	2.00"	2.00"	5	JIC	12.34
<b>SM5F-J1208-502</b>	Main coupler	9.63"	2.00"	2.00"	5	JIC	12.69
<b>SM5F-P1208-501</b>	Main coupler	9.63"	2.00"	2.00"	5	BSPP	12.34
<b>SM5F-P1208-502</b>	Main coupler	9.63"	2.00"	2.00"	5	BSPP	12.69

## HARVESTER CRANES « 45° Back Nose »

Part no.	Reference	A	B	C	Ports ( qty )	Threads	Lbs
<b>SM4C-J1216-501</b>	Main coupler	5.00"	5.00"	4.44"	4	JIC	23.14
<b>SM4C-P1216-501</b>	Main coupler	5.00"	5.00"	4.44"	4	BSPP	23.14

### WARATAH 400 series

Part no.	Reference	A	B	C	Ports ( qty )	Threads	Lbs
<b>SM4WH-J16-501</b>	Main coupler	9.50"	2.75"	2.75"	4	JIC	20.5
<b>SM4WH-J16-502</b>	Main coupler	9.50"	2.75"	2.75"	4	JIC	20.5
<b>SM2D-J12WL-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	2.75"	2	JIC 12	10.4
<b>SM2D-J12WR-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	2.75"	2	JIC 12	10.4
<b>SM2D-P12WL-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	2.75"	2	BSPP 12	10.4
<b>SM2D-P12WR-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	2.75"	2	BSPP 12	10.4
<b>SM2D-J12P-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	1.88"	2	JIC 12	10.4
<b>SM2D-P12P-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	1.88"	2	BSPP 12	10.4
<b>SM2D-WP-101</b>	Sauer Danfoss 630-800 series	10.38"	9.44"	8.63"	Hoses Protector		20.83
<b>SM3D-J12W-501</b>	Sauer Danfoss TMTW-500	5.69"	5.31"	1.88"	3	JIC	13.53
<b>SM3D-P12W-501</b>	Sauer Danfoss TMTW-500	5.69"	5.31"	1.88"	3	BSPP	13.53

### VALMET 360-370 series

Part no.	Reference	A	B	C	Ports ( qty )	Threads	Lbs
<b>SM4VH-J16-501</b>	Main coupler	11.75"	3.00"	3.00"	4	JIC 16	26.8
<b>SM4VH-S16-501</b>	Main coupler	11.75"	3.00"	3.00"	4	ORFS 16	27.6
<b>SM4S-1206V-501</b>	Sampo BBC 01	7.25"	7.25"	1.15"	3	JIC	6.71
<b>SM4S-1206V-502</b>	Sampo BBC 02	8.26"	8.26"	1.15"	4	JIC	10.0

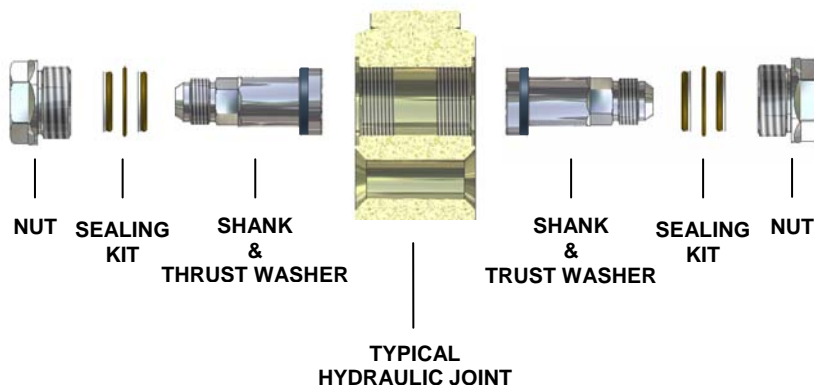
### PONSSE H53-H60-H73

Part no.	Reference	A	B	C	Ports ( qty )	Threads	Lbs
<b>SM2D-J12P-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	1.88"	2	JIC 12	10.4
<b>SM2D-P12P-501</b>	Sauer Danfoss 630-800 series	5.60"	4.75"	1.88"	2	BSPP 12	10.4
<b>SM2D-J12PR-502</b>	Sauer Danfoss 630-800 series	6.00"	5.00"	3.44"	2	JIC 12	19.88
<b>SM2D-P12PR-502</b>	Sauer Danfoss 630-800 series	6.00"	5.00"	3.44"	2	BSPP 12	19.88
<b>SM2D-J12PL-502</b>	Sauer Danfoss 630-800 series	6.00"	5.00"	3.44"	2	JIC 12	19.88
<b>SM2D-P12PL-502</b>	Sauer Danfoss 630-800 series	6.00"	5.00"	3.44"	2	BSPP 12	19.88
<b>SM2D-J12P-504</b>	Sauer Danfoss OMT-400 series	5.60"	4.75"	1.88"	2	JIC 12	12.0
<b>SM2D-P12P-504</b>	Sauer Danfoss OMT-400 series	5.60"	4.75"	1.88"	2	BSPP 12	12.0

### LOGMAX 6000 series and up

Part no.	Reference	A	B	C	Ports ( qty )	Threads	Lbs
<b>SM2L-P08-501</b>	Parker V12-60	4.44"	2.91"	1.69"	2	BSPP	5.5
<b>SR4-JJ-501</b>	Main coupler	6.30"	6.30"	2.63"	4	JIC	20.75

Other sizes and configurations available upon request.



## MATERIAL OPTIONS

Shank , Nut .....	Carbon steel
Plating .....	White (Blue) Zinc
Seals .....	Viton ®

## Options

Stainless
Nickel, Arcor ®
AFLAS ®

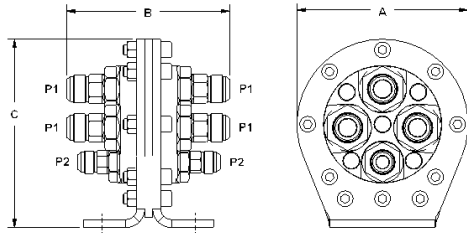
## HOW TO ORDER

**SR5 – JJ– 501 –**

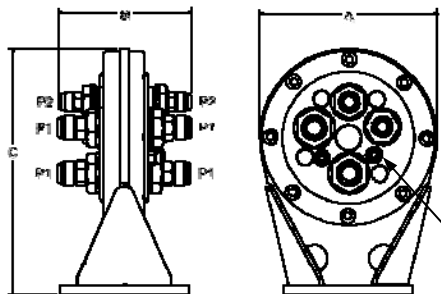
Seal Code:	Blank = Viton 70 duro / PTFE
Assembly number	
Shank Thread Configuration (top-bottom)	<ul style="list-style-type: none"> <li>• J JIC 37° Flare</li> <li>• F NPTF</li> <li>• P BSPP</li> <li>• S ORFS ( O-ring face Seal )</li> <li>• M METRIC</li> </ul>
Swiroll Designator	

## Assemblies

### Male 37° Flare - Male 37° Flare



**SR4-JJ-501**



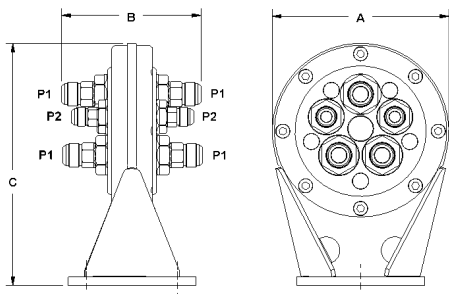
**SR4TS-JJ-501**

Part no.	A	B	C	P1	P2	lbs
<b>SR4-JJ-501</b>	8.00"	7.63"	8.88"	JIC 16	JIC 12	24.6
<b>SR4-PP-501</b>	8.00"	7.63"	8.88"	BSPP 16	BSPP 12	24.6
<b>SR4TS-JJ-501</b>	9.66"	7.63"	13.25"	JIC 16	JIC 12	62.2
<b>SR4TS-PP-501</b>	9.66"	7.63"	13.25"	BSPP 16	BSPP 12	62.2
<b>SR5-JJ-501</b>	9.66"	7.63"	13.25"	JIC 16	JIC 12	62.2
<b>SR5-PP-501</b>	9.66"	7.63"	13.25"	BSPP 16	BSPP 12	62.2
<b>SR5-JJ-502</b>	9.66"	8.00"	12.13"	JIC	JIC	62.2
<b>SR6-JJ-501</b>	9.66"	6.69"	13.25"	JIC 12	JIC 08	58.9

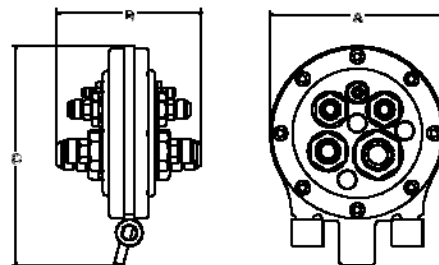
Note 1: Other sizes and configurations available on request.

Note 2: See drawing for additional information.

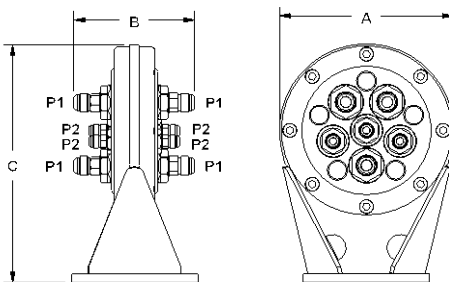
Accumulator ports ( 2x J06 )  
Waratah typical assembly



**SR5-JJ-501**

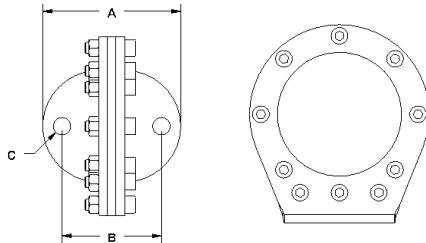


**SR5-JJ-502**



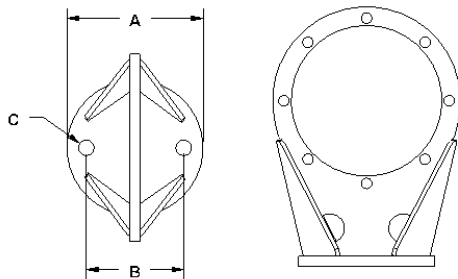
**SR6-JJ-501**

## Holders & Spherical fixation rings

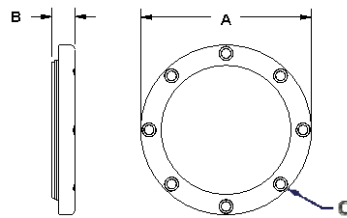


**SRF-45-201**

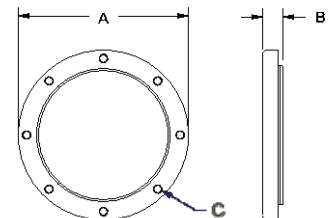
Part no.	A	B	C	P1	P2	lbs
<b>SRF-45-201</b>	6.00"	4.38"	0.78"	-	-	3.3
<b>SRF-85-101</b>	7.00"	5.00"	0.78"	-	-	14.8
<b>SRF-85-102</b>	9.44"	1.25"	0.53"	-	-	6.6
<b>SRF-85-104</b>	9.44"	1.13"	1/2"- 13 UNC	-	-	6.9



**SRF-85-101**



**SRF-85-102**



**SRF-85-104**



The protective spiral sleeve **Strap-Wrap** is a component that has been developed specifically to improve the organization and the grouping of hydraulic hoses and lines.

The spiral sleeve **Strap-Wrap** is a new solution to regroup, orient and efficiently protect flexible hydraulic hoses.

#### • **CHARACTERISTICS**

- Ease of installation before or after the installation of the hoses and lines
- Infinitely variable roll-up diameter
- The unique configuration of the main support belt allows attachment of the protective sleeve at several points, multiplying the possibilities of protection and arrangement of the hoses
- Supple, resistant material, with little to no sensitivity to temperature variations
- Excellent visibility at night (orange color)
- Light

#### • **TECHNICAL FEATURES**



- Belts (simple and double) specifically **developed and woven** for a lot of applications offering durability and optimal resistance
- Traction resistance of 8,500 lbs (main strap)
- Traction resistance of 3,000 lbs (buckles)
- Thermal and chemical treatment in the event of water (icing), oil and optimizing wear resistance
- In opposition to the current spiral sleeves used in the industry, the Strap-Wrap protective sleeve can be solidly attached along its entire length, offering greater possibilities of hoses protection.
- Better protection against operational hazards
- Easier and faster accessibility to hoses
- The Strap-Wrap protective sleeve improves the dynamic of movement of the hydraulic flexible hoses and prolongs their useful life expectancy.





## MATERIAL

Nylon / kevlar

## HOW TO ORDER

### SW2 – 25 – 001

