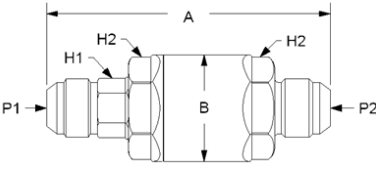
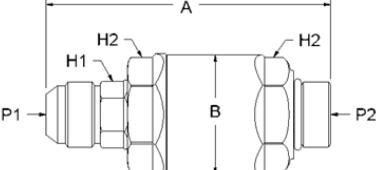




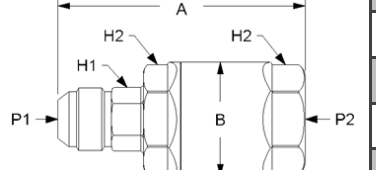
Male JIC (37° Flare) - Male JIC (37° Flare)

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

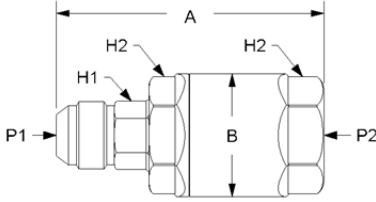
Male JIC (37° Flare) - Male O-Ring Boss (ORB)

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

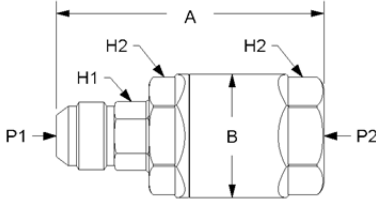
Male JIC (37° Flare) – Combo – Female JIC (37° Flare) / Female O-Ring Boss (ORB) / SAE J1926-3

	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-J08M-JB08F	3.31"	1.50"	3/4" – 16 UNF	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
	SZ-J10M-JB10F	3.45"	1.73"	7/8" – 14 UNF	7/8" – 14 UNF	13/16"	1 1/2"	SZ-10-001SK-A
	SZ-J12M-JB12F	4.12"	2.00"	1 1/16" – 12 UN	1 1/16" – 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
	SZ-J16M-JB16F	4.63"	2.22"	1 5/16" – 12 UN	1 5/16" – 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
	SZ-J20M-JB20F	5.12"	2.75"	1 5/8" – 12 UN	1 5/8" – 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
	SZ-J24M-JB24F	5.34"	3.00"	1 7/8" – 12 UN	1 7/8" – 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
	SZ-J32M-JB32F	6.50"	3.88"	2 1/2" – 12 UN	2 1/2" – 12 UN	2 5/16"	3 1/4"	SZ-32-001SK-A

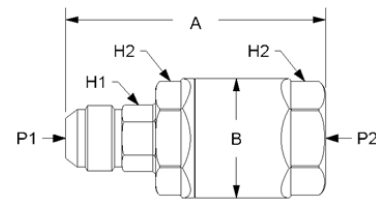
Male JIC (37° Flare) – Female O-Ring Boss (ORB) / SAE J1926-2

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

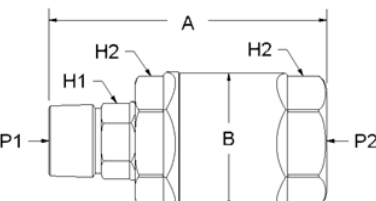
Male JIC (37° Flare) – Female Pipe (NPTF)

	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-J08M-F08F	3.31"	1.50"	3/4" – 16 UNF	1/2" NPTF	11/16"	1 1/4"	SZ-08-001SK-A
	SZ-J12M-F12F	4.19"	2.00"	1 1/16"-12 UN	3/4" NPTF	15/16"	1 5/8"	SZ-12-001SK-A
	SZ-J16M-F16F	4.88"	2.22"	1 5/16"-12 UN	1" NPTF	1 3/16"	1 7/8"	SZ-16-001SK-A
	SZ-J20M-F20F	5.37"	2.75"	1 5/8"-12 UN	1 1/4" NPTF	1 1/2"	2 3/8"	SZ-20-001SK-A
	SZ-J24M-F24F	5.62"	3.00"	1 7/8"-12 UN	1 1/2" NPTF	1 3/4"	2 1/2"	SZ-24-001SK-A
	SZ-J32M-F32F	6.65"	3.88"	2 1/2"-12 UN	2" NPTF	2 5/16"	3 1/4"	SZ-32-001SK-A

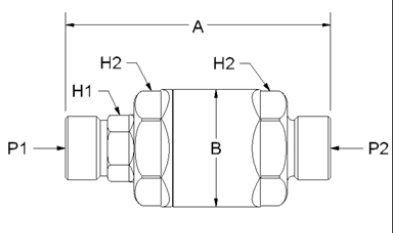
Male JIC (37° Flare) – Female BSPP

	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-J12M-P12F	4.19"	2.00"	1 1/16"-12 UN	G 3/4	15/16"	1 5/8"	SZ-12-001SK-A
	SZ-J16M-P16F	4.88"	2.22"	1 5/16"-12 UN	G 1	1 3/16"	1 7/8"	SZ-16-001SK-A
	SZ-J20M-P20F	5.37"	2.75"	1 5/8"-12 UN	G1 1/4	1 1/2"	2 3/8"	SZ-20-001SK-A

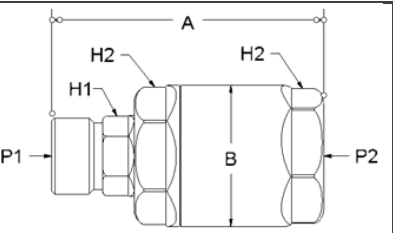
Male Pipe (NPTF) – Female Pipe (NPTF)

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

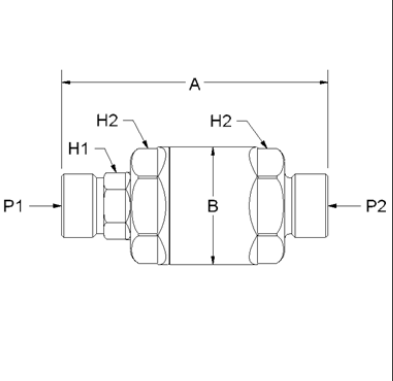
Male BSPP – Male BSPP

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

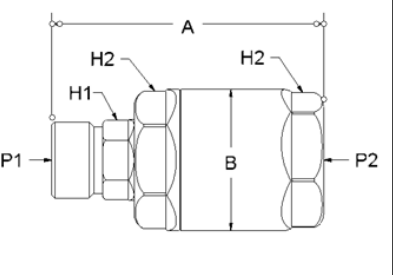
Male BSPP – Female BSPP

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

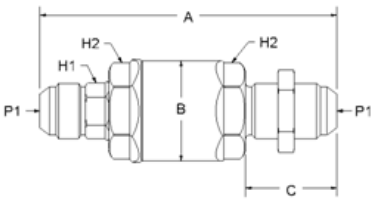
Male ORFS (O-Ring Face Seal) – Male ORFS (O-Ring Face Seal)

	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-S06M-S06M	2.77"	1.35"	11/16" – 16 UNF	11/16" – 16 UNF	5/8"	1 1/8"	SZ-06-002SK-A
	SZ-S08M-S08M	3.50"	1.53"	13/16" – 16 UNF	13/16" – 16 UNF	3/4"	1 5/16"	SZ-08-002SK-A
	SZ-S10M-S10M	3.79"	1.86"	1" - 14 UNS	1" - 14 UNS	15/16"	1 5/8"	SZ-10-002SK-A
	SZ-S12M-S12M	4.52"	2.09"	1 3/16"- 12 UN	1 3/16"- 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
	SZ-S16M-S16M	5.12"	2.31"	1 7/16"- 12 UN	1 7/16"- 12 UN	1 5/16"	2"	SZ-16-002SK-A
	SZ-S20M-S20M	5.46"	2.75"	1 11/16"- 12 UN	1 11/16"- 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A
	SZ-S24M-S24M	5.80"	3.19"	2.00"- 12 UN	2.00"- 12 UN	1 7/8"	2 3/4"	SZ-24-002SK-A

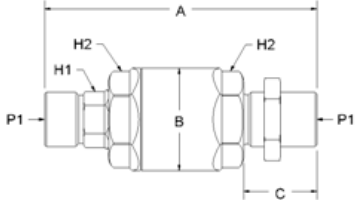
Male ORFS (O-Ring Face Seal) – Female ORFS (O-Ring Face Seal)

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

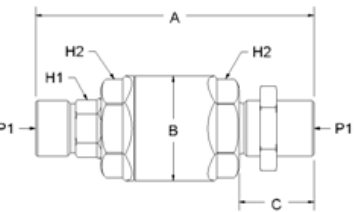
Male JIC (37° Flare) – Male JIC (37° Flare) Bulkhead

	Part no.	A	B	C	P1	H1	H2	Seal kit
	SZ-J08M-J08MB	4.63"	1.50"	1.50"	3/4" – 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
	SZ-J10M-J10MB	4.92"	1.73"	1.63"	7/8" - 14 UNF	13/16"	1 1/2"	SZ-10-001SK-A
	SZ-J12M-J12MB	5.69"	2.00"	1.75"	1 1/16" – 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
	SZ-J16M-J16MB	6.31"	2.22"	1.88"	1 5/16" – 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
	SZ-J20M-J20MB	6.94"	2.73"	2"	1 5/8" - 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A

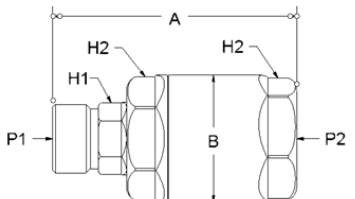
Male ORFS (O-Ring Face Seal) – Male ORFS Bulkhead

	Part no.	A	B	C	P1	H1	H2	Seal kit
	SZ-S08M-S08MB	4.25"	1.53"	1.31"	13/16" – 12 UNF	3/4"	1 5/16"	SZ-08-002SK-A
	SZ-S10M-S10MB	4.54"	1.86"	1.38"	1" - 14 UNS	15/16"	1 5/8"	SZ-10-002SK-A
	SZ-S12M-S12MB	5.25"	2.09"	1.41"	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
	SZ-S16M-S16MB	5.88"	2.31"	1.56"	1 7/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
	SZ-S20M-S20MB	6.29"	2.88"	1.63"	1 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A

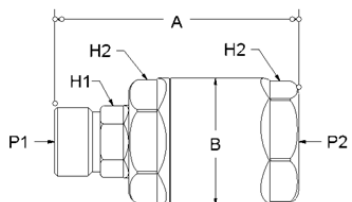
Male BSPP – Male BSPP Bulkhead

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

Male Metric (DIN 3852) – Female BSPP

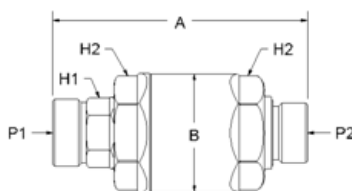
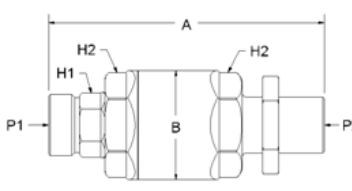
	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-M30SM-P12F	3.77"	2.09"	M30 X 2.0	G 3/4	1 1/16"	1 3/4"	SZ-12-002SK-A
	SZ-M36SM-P16F	4.27"	2.34"	M36 X 2.0	G 1	1 5/16"	2"	SZ-16-002SK-A
	SZ-M42SM-P20F	4.57"	2.73"	M42 X 2.0	G 1 1/4	1 9/16"	2 3/8"	SZ-20-001SK-A

Male Metric (DIN 3852) – Female ORFS (O-Ring Face Seal)

	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-M30SM-S12F	3.83"	2.31"	M30 X 2.0	G 3/4	1 1/16"	1 3/4"	SZ-16-002SK-A
	SZ-M36SM-S16F	4.33"	2.31"	M36 X 2.0	G 1	1 5/16"	2"	SZ-16-002SK-A
	SZ-M42SM-S20F	4.70"	2.73"	M42 X 2.0	G 1 1/4	1 9/16"	2 3/8"	SZ-20-001SK-A

Male Metric – Male Metric (DIN 3852)

Male Metric – Male Metric Bulkhead (DIN 3852)

 	Part no.	A	B	P1	P2	H1	H2	Seal kit
	SZ-M20SM-M20SM	3.52"	1.53"	M20 X 1.5	M20 X 1.5	3/4"	1 5/16"	SZ-08-002SK-A
	SZ-M24SM-M24SM	3.74"	1.86"	M24 X 1.5	M24 X 1.5	15/16"	1 5/8"	SZ-10-002SK-A
	SZ-M30SM-M27M	4.58"	2.09"	M30 X 2.0	M27 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
	SZ-M30SM-M30SM	4.75"	2.09"	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
	SZ-M30SM-M30SMB	5.25"	2.09"	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
	SZ-M42SM-M42SM	5.45"	2.73"	M42 X 2.0	M42 X 2.0	1 9/16"	2 3/8"	SZ-20-001SK-A
	SZ-M42SM-M42SMB	7.07"	2.73"	M42 X 2.0	M42 X 2.0	1 9/16"	2 3/8"	SZ-20-001SK-A

Other sizes and configurations available upon request

7. 90° SWIVELS – STANDARD SERIES



MATERIAL OPTIONS

Shank, Nut, Housing
Plating
Seals

Standard

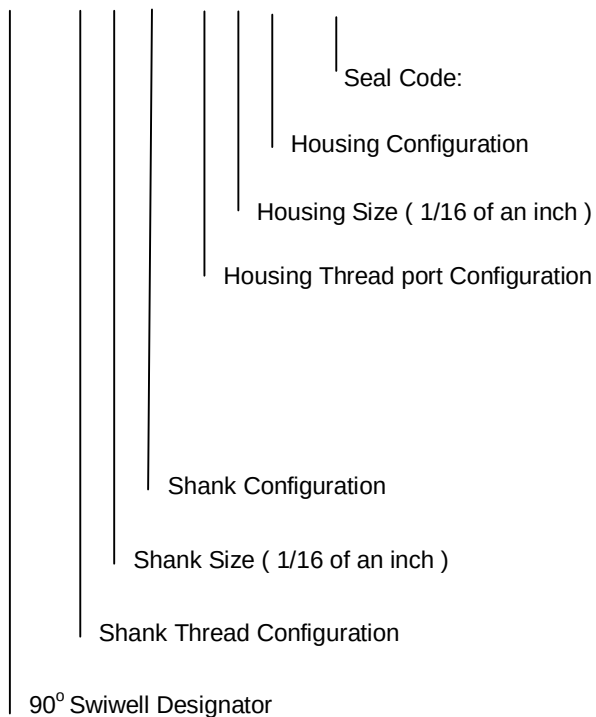
Carbon steel
White (Blue) Zinc
VITON ®

Options

Stainless
Nickel, Arcor ®
AFLAS ®

HOW TO ORDER

SZ90 – J 12 M – B 12 F – _



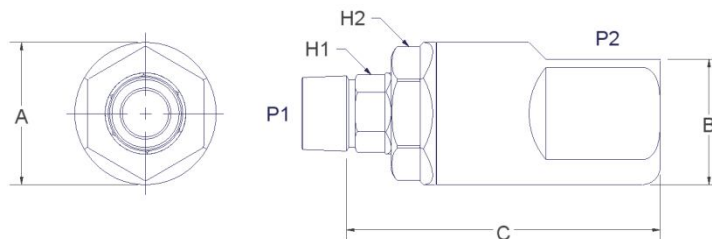
Blank = Standard

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

- M Male

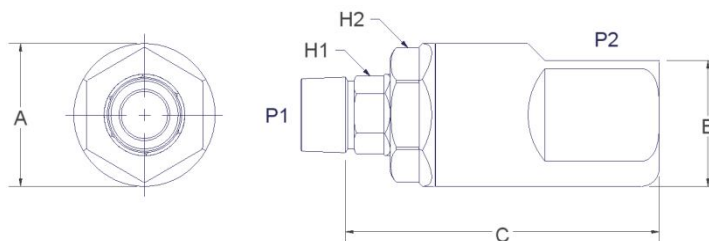
- J JIC 37° Flare
- F NPTF
- P BSPP
- S ORFS (O-ring face Seal)
- M METRIC

Male Pipe (NPTF) - Female Pipe (NPTF)



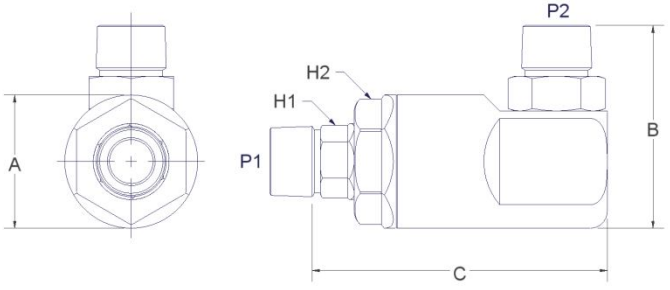
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-F06M-F06F	1.35"	1.21"	2.62"	3/8" NPTF	3/8" NPTF	0.63"	1.12"	SZ-06-002SK-A
SZ90-F08M-F08F	1.53"	1.33"	3.31"	1/2" NPTF	1/2" NPTF	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-F12F	1.97"	1.74"	4.34"	3/4" NPTF	3/4" NPTF	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-F16F	2.22"	1.92"	4.88"	1" NPTF	1" NPTF	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-F20F	2.73"	2.37"	5.84"	1 1/4" NPTF	1 1/4" NPTF	1.50"	2.38"	SZ-20-001SK-A
SZ90-F24M-F24F	2.97"	2.55"	6.43"	1 1/2" NPTF	1 1/2" NPTF	1.75"	2.50"	SZ-24-001SK-A
SZ90-F32M-F32F	3.97"	3.36"	7.97"	2" NPTF	2" NPTF	2.31"	3.25"	SZ-32-001SK-A

Male Pipe (NPTF) - Female O-ring Boss (ORB) / SAE J1926-3

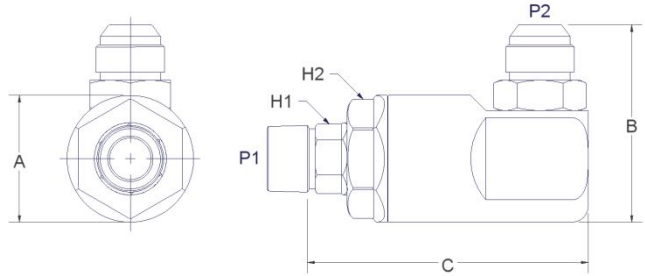


Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-F06M-B06F	1.35"	1.21"	2.62"	3/8" NPTF	SAE 06	0.63"	1.12"	SZ-06-002SK-A
SZ90-F08M-B08F	1.53"	1.33"	3.31"	1/2" NPTF	SAE 08	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-B12F	1.97"	1.74"	4.34"	3/4" NPTF	SAE 12	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-B16F	2.22"	1.92"	4.88"	1" NPTF	SAE 16	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-B20F	2.73"	2.37"	5.84"	1 1/4" NPTF	SAE 20	1.50"	2.38"	SZ-20-001SK-A
SZ90-F24M-B24F	2.97"	2.55"	6.43"	1 1/2" NPTF	SAE 24	1.75"	2.50"	SZ-24-001SK-A
SZ90-F32M-B32F	3.97"	3.36"	7.97"	2" NPTF	SAE 32	2.31"	3.25"	SZ-32-001SK-A

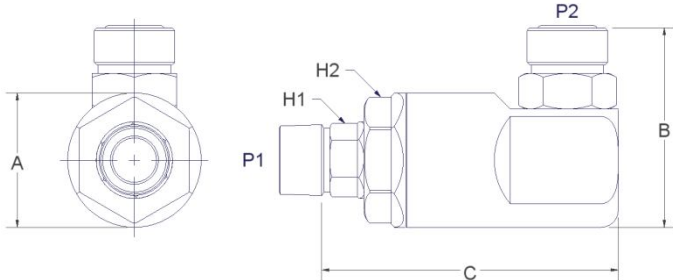
Male Pipe (NPTF) – Male Pipe (NPTF)

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-F06M-F06M	1.35"	2.00"	2.62"	3/8" NPTF	3/8" NPTF	0.63"	1.12"	SZ-06-002SK-A
SZ90-F08M-F08M	1.53"	2.14"	3.31"	1/2" NPTF	1/2" NPTF	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-F12M	1.97"	2.88"	4.34"	3/4" NPTF	3/4" NPTF	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-F16M	2.22"	3.25"	4.88"	1" NPTF	1" NPTF	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-F20M	2.73"	3.80"	5.84"	1 1/4" NPTF	1 1/4" NPTF	1.50"	2.38"	SZ-20-001SK-A
SZ90-F24M-F24M	2.97"	4.08"	6.43"	1 1/2" NPTF	1 1/2" NPTF	1.75"	2.50"	SZ-24-001SK-A
SZ90-F32M-F32M	3.97"	5.08"	7.97"	2" NPTF	2" NPTF	2.31"	3.25"	SZ-32-001SK-A

Male Pipe (NPTF) - Male JIC (37° Flare)

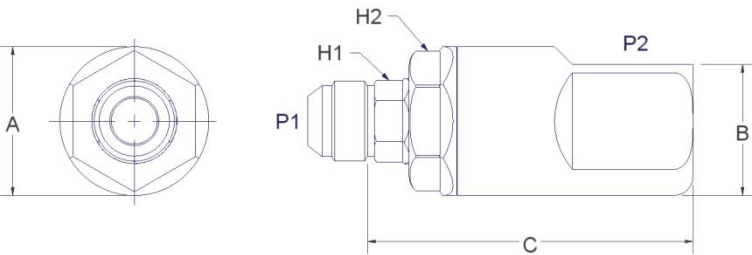
								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-F06M-J06M	1.35"	2.09"	2.62"	3/8" NPTF	9/16" – 18 UNF	0.63"	1.12"	SZ-06-002SK-A
SZ90-F08M-J08M	1.53"	2.33"	3.31"	1/2" NPTF	3/4" – 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-J12M	1.97"	3.07"	4.34"	3/4" NPTF	1 1/16" – 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-J16M	2.22"	3.31"	4.88"	1" NPTF	1 5/16" – 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-J20M	2.73"	3.91"	5.84"	1 1/4" NPTF	1 5/8" – 12 UN	1.50"	2.38"	SZ-20-001SK-A
SZ90-F24M-J24M	2.97"	4.32"	6.43"	1 1/2" NPTF	1 7/8" – 12 UN	1.75"	2.50"	SZ-24-001SK-A
SZ90-F32M-J32M	3.97"	5.44"	7.97"	2" NPTF	2 1/2" – 12 UN	2.31"	3.25"	SZ-32-001SK-A

Male Pipe (NPTF) - Male ORFS (O-Ring Face Seal)



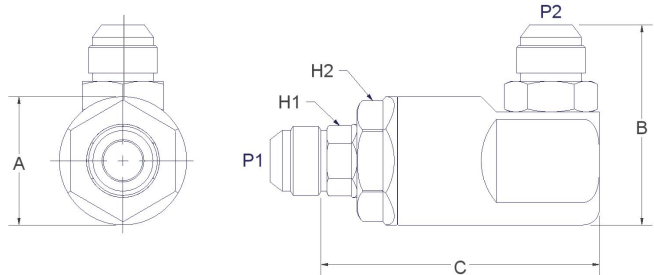
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-F06M-S06M	1.35"	2.00"	2.62"	3/8" NPTF	11/16" – 16 UNF	0.63"	1.12"	SZ-06-002SK-A
SZ90-F08M-S08M	1.53"	2.17"	3.31"	1/2" NPTF	13/16" – 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-S12M	1.97"	2.93"	4.34"	3/4" NPTF	1 3/16" – 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-S16M	2.22"	3.17"	4.88"	1" NPTF	1 7/16" – 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-S20M	2.73"	3.70"	5.84"	1 1/4" NPTF	1 11/16" – 12 UN	1.50"	2.38"	SZ-20-001SK-A
SZ90-F24M-S24M	2.97"	3.95"	6.43"	1 1/2" NPTF	2.00" – 12 UN	1.75"	2.50"	SZ-24-001SK-A

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

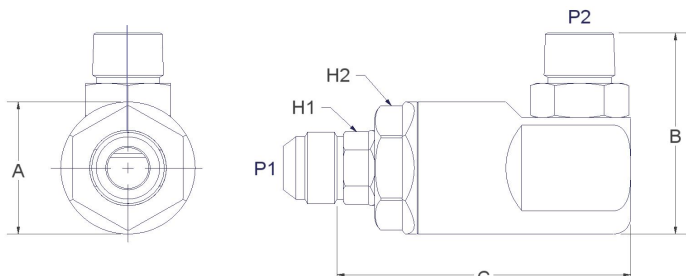


Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-J06M-B06F	1.22"	1.09"	2.53"	9/16" – 18 UNF	SAE 06	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-B08F	1.47"	1.30"	3.28"	3/4" – 16 UNF	SAE 08	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-B12F	1.97"	1.74"	4.34"	1 1/16" – 12 UN	SAE 12	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-B16F	2.22"	1.92"	4.88"	1 5/16" – 12 UN	SAE 16	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-B20F	2.73"	2.37"	5.84"	1 5/8" – 12 UN	SAE 20	1.50"	2.38"	SZ-20-001SK-A
SZ90-J24M-B24F	2.97"	2.55"	6.43"	1 7/8" – 12 UN	SAE 24	1.75"	2.50"	SZ-24-001SK-A
SZ90-J32M-B32F	3.97"	3.36"	7.97"	2 1/2" – 12 UN	SAE 32	2.31"	3.25"	SZ-32-001SK-A

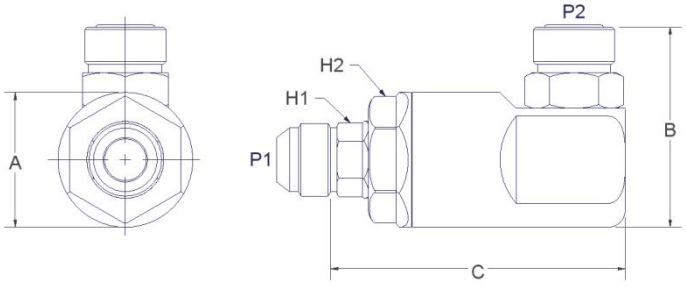
Male JIC (37° Flare) - Male JIC (37° Flare)

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-J06M-J06M	1.22"	1.97"	2.53"	9/16" – 18 UNF	9/16" – 18 UNF	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-J08M	1.47"	2.30"	3.28"	3/4" – 16 UNF	3/4" – 16 UNF	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-J12M	1.97"	3.07"	4.34"	1 1/16" – 12 UN	1 1/16" – 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-J16M	2.22"	3.31"	4.88"	1 5/16" – 12 UN	1 5/16" – 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-J20M	2.73"	3.91"	5.84"	1 5/8" – 12 UN	1 5/8" – 12 UN	1.50"	2.38"	SZ-20-001SK-A
SZ90-J24M-J24M	2.97"	4.32"	6.43"	1 7/8" – 12 UN	1 7/8" – 12 UN	1.75"	2.50"	SZ-24-001SK-A
SZ90-J32M-J32M	3.97"	5.44"	7.97"	2 1/2" – 12 UN	2 1/2" – 12 UN	2.31"	3.25"	SZ-32-001SK-A

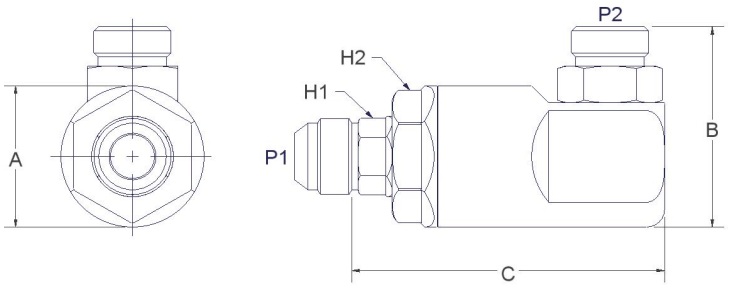
Male JIC (37° Flare) – Male Pipe (NPTF)

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-J06M-F06M	1.22"	1.88"	2.53"	9/16" – 18 UNF	3/8" NPTF	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-F08M	1.47"	2.11"	3.28"	3/4" – 16 UNF	1/2" NPTF	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-F12M	1.97"	2.88"	4.34"	1 1/16" – 12 UN	3/4" NPTF	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-F16M	2.22"	3.25"	4.88"	1 5/16" – 12 UN	1" NPTF	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-F20M	2.73"	3.80"	5.84"	1 5/8" – 12 UN	1 1/4" NPTF	1.50"	2.38"	SZ-20-001SK-A
SZ90-J24M-F24M	2.97"	4.08"	6.43"	1 7/8" – 12 UN	1 1/2" NPTF	1.75"	2.50"	SZ-24-001SK-A
SZ90-J32M-F32M	3.97"	5.08"	7.97"	2 1/2" – 12 UN	2" NPTF	2.31"	3.25"	SZ-32-001SK-A

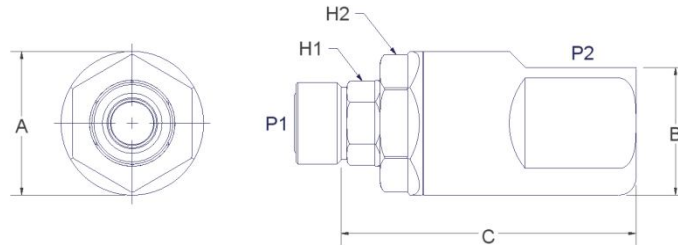
Male JIC (37° Flare) - Male ORFS (O-Ring Face Seal)

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-J06M-S06M	1.22"	1.88"	2.53"	9/16" – 18 UNF	11/16" – 16 UNF	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-S08M	1.47"	2.14"	3.28"	3/4" – 16 UNF	13/16" – 16 UNF	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-S12M	1.97"	2.93"	4.34"	1 1/16" – 12 UN	1 3/16" – 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-S16M	2.22"	3.17"	4.88"	1 5/16" – 12 UN	1 7/16" – 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-S20M	2.73"	3.70"	5.84"	1 5/8" – 12 UN	1 11/16" – 12 UN	1.50"	2.38"	SZ-20-001SK-A
SZ90-J24M-S24M	2.97"	3.95"	6.43"	1 7/8" – 12 UN	2.00" – 12 UN	1.75"	2.50"	SZ-24-001SK-A

Male JIC (37° Flare) - Male BSPP

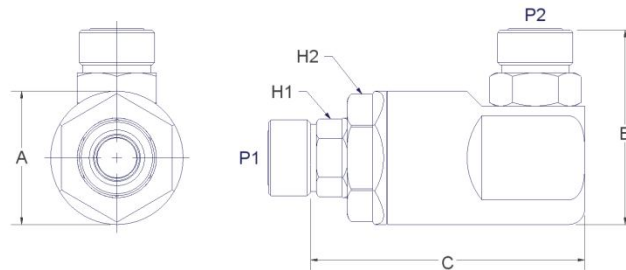
								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-J06M-P06M	1.22"	1.81"	2.53"	9/16" – 18 UNF	G 3/8	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-P08M	1.47"	2.09"	3.28"	3/4" – 16 UNF	G 1/2	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-P12M	1.97"	2.80"	4.34"	1 1/16" – 12 UN	G 3/4	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-P16M	2.22"	3.06"	4.88"	1 5/16" – 12 UN	G 1	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-P20M	2.73"	3.82"	5.84"	1 5/8" – 12 UN	G 1 1/4	1.50"	2.38"	SZ-20-001SK-A

Male ORFS (O-Ring Face Seal) - Female O-Ring Boss (ORB) / SAE J1926-3



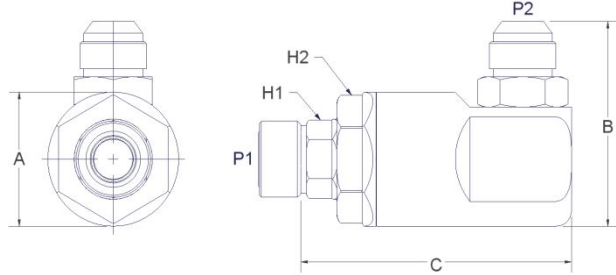
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-S06M-B06F	1.35"	1.21"	2.83"	11/16" – 16 UNF	SAE 06	0.63"	1.12"	SZ-06-002SK-A
SZ90-S08M-B08F	1.53"	1.33"	3.34"	13/16" – 16 UNF	SAE 08	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-B12F	2.09"	1.89"	4.34"	1 3/16" – 12 UN	SAE 12	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-B16F	2.34"	2.05"	5.00"	1 7/16" – 12 UN	SAE 16	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-B20F	2.88"	2.37"	5.84"	1 11/16"-12 UN	SAE 20	1.56"	2.38"	SZ-20-002SK-A

Male ORFS (O-Ring Face Seal) - Male ORFS (O-Ring Face Seal)

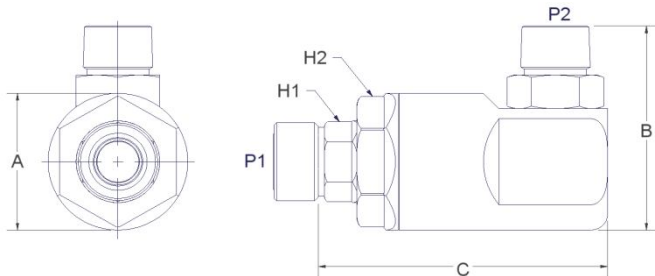


Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-S06M-S06M	1.35"	2.00"	2.83"	11/16" – 16 UNF	11/16" – 16 UNF	0.63"	1.12"	SZ-06-002SK-A
SZ90-S08M-S08M	1.53"	2.17"	3.34"	13/16" – 16 UNF	13/16" – 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-S12M	2.09"	3.09"	4.34"	1 3/16" – 12 UN	1 3/16" – 12 UN	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-S16M	2.34"	3.30"	5.00"	1 7/16" – 12 UN	1 7/16" – 12 UN	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-S20M	2.88"	3.70"	5.84"	1 11/16"-12 UN	1 11/16"-12 UN	1.56"	2.38"	SZ-20-002SK-A

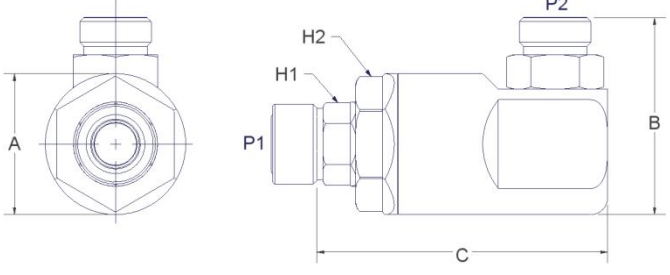
Male ORFS (O-Ring Face Seal) - Male JIC (37° Flare)

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-S06M-J06M	1.35"	2.00"	2.83"	11/16" – 16 UNF	9/16" – 18 UNF	0.63"	1.12"	SZ-06-002SK-A
SZ90-S08M-J08M	1.53"	2.17"	3.34"	13/16" – 16 UNF	3/4" – 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-J12M	2.09"	3.22"	4.34"	1 3/16" – 12 UN	1 1/16" – 12 UN	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-J16M	2.34"	3.44"	5.00"	1 7/16" – 12 UN	1 5/16" – 12 UN	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-J20M	2.88"	3.91"	5.84"	1 11/16" – 12 UN	1 5/8" – 12 UN	1.56"	2.38"	SZ-20-002SK-A

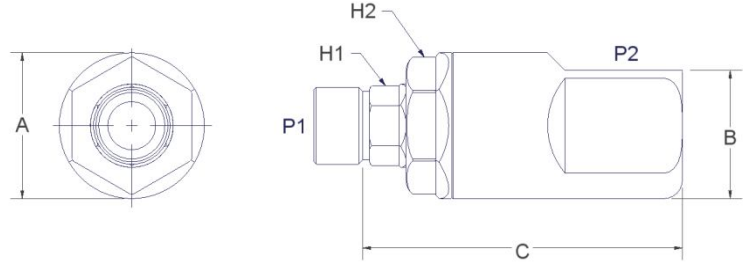
Male ORFS (O-Ring Face Seal) – Male Pipe (NPTF)

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-S06M-F06M	1.35"	2.00"	2.83"	11/16" – 16 UNF	3/8" NPTF	0.63"	1.12"	SZ-06-002SK-A
SZ90-S08M-F08M	1.53"	2.17"	3.34"	13/16" – 16 UNF	1/2" NPTF	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-F12M	2.09"	3.02"	4.34"	1 3/16" – 12 UN	3/4" NPTF	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-F16M	2.34"	3.38"	5.00"	1 7/16" – 12 UN	1" NPTF	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-F20M	2.88"	3.80"	5.84"	1 11/16" – 12 UN	1 1/4" NPTF	1.56"	2.38"	SZ-20-002SK-A

Male ORFS (O-Ring Face Seal) – Male BSPP

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-S06M-P06M	1.35"	2.00"	2.83"	1 1/16" – 16 UNF	G 3/8	0.63"	1.12"	SZ-06-002SK-A
SZ90-S08M-P08M	1.53"	2.17"	3.34"	1 3/16" – 16 UNF	G 1/2	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-P12M	2.09"	2.95"	4.34"	1 3/16" – 12 UN	G 3/4	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-P16M	2.34"	3.19"	5.00"	1 7/16" – 12 UN	G 1	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-P20M	2.88"	3.82"	5.84"	1 11/16" – 12 UN	G 1 1/4	1.56"	2.38"	SZ-20-002SK-A

Male BSPP - Female O-Ring Boss (ORB) / SAE J1926-3

								
Part no.	A	B	C	P1	P2	H1	H2	Seal kit
SZ90-P06M-B06F	1.35"	1.21"	2.83"	G 3/8	SAE 06	0.63"	1.12"	SZ-06-002SK-A
SZ90-P08M-B08F	1.53"	1.33"	3.34"	G 1/2	SAE 08	0.75"	1.31"	SZ-08-002SK-A
SZ90-P12M-B12F	1.97"	1.89"	4.34"	G 3/4	SAE 12	0.94"	1.63"	SZ-12-001SK-A
SZ90-P16M-B16F	2.22"	2.05"	5.00"	G 1	SAE 16	1.19"	1.88"	SZ-16-001SK-A
SZ90-P20M-B20F	2.73"	2.37"	5.84"	G 1 1/4	SAE 20	1.50"	2.38"	SZ-20-001SK-A