



4. CARTRIDGE SWIVELS

The Cartridge Swivel is designed to be integrated directly into hydraulic manifolds. It simply screws in, creating a short, rugged swivel port that stands up to high pressure and side loads. More than just a solution, its innovative design is a starting point for reimagining hydraulic systems—unlocking new potential and pushing the boundaries of what's possible.

WHY CHOOSE TAIMI CARTRIDGE SWIVELS?

- **Pressure Spikes Protection™**
- **Easy and quick to repack**
- **Triple Seal Protection™**
- **Patented ball-less design**
- **No downtime product /Will never pull apart**
- **Cost effective choice**
- **Easy integration**
- **Custom solutions available**
- **Technical support**

*See Section 13 for boring and torque dimensions charts.



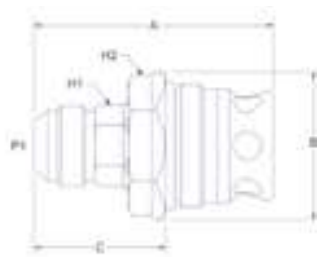
THE TOUGHEST SWIVEL PRODUCTS ON THE MARKET



HOW TO ORDER

SZ4	12	J	01	M
CARTRIDGE SWIVEL DESIGNATOR	HOSE CONNECTION SIZE	HOSE CONNECTION TYPE J = JIC (37°) F = NPT P = BSPP S = ORFS M = Metric	ASSEMBLY NUMBER	SHANK CONFIGURATION M = MALE

Part numbers in orange
are usually in stock. Other
products are manufactured
to order



	IMPERIAL			METRIC						
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	H1 (INCH)	H2 (INCH)	P1-THREAD IN	SEAL KIT
SIDE FEED CARTRIDGE MALE JIC - 37 FLARE										
SZ4-12-J10M	3.19"	1.97"	1.75"	81	50	44	15/16"	1 5/8"	1 1/16" - 12 UN	SZ-12-110SK-A
SZ4-16-J10M	3.47"	2.22"	1.94"	88	56	50	1 7/8"	1 7/8"	1 5/16" - 12 UN	SZ-16-110SK-A
MALE JIC - 37 FLARE										
SZ4-06-J06M	1.99"	1.21"	1.21"	51	31	31	1/2"	1"	9/16" - 18 UNF	SZ-06-001SK-A
SZ4-08-J01M	2.50"	1.47"	1.53"	64	37	39	11/16"	1 1/4"	3/4" - 16 UNF	SZ-08-001SK-A
SZ4-10-J01M	2.61"	1.72"	1.65"	66	44	42	13/16"	1 1/2"	7/8" - 14 UNF	SZ-10-001SK-A
SZ4-12-J01M	3.15"	1.97"	1.95"	80	50	50	15/16"	1 5/8"	1 1/16" - 12 UN	SZ-12-001SK-A
SZ4-16-J01M	3.56"	2.22"	2.32"	90	56	59	1 3/16"	1 7/8"	1 5/16" - 12 UN	SZ-16-001SK-A
SZ4-20-J01M	4.00"	2.72"	2.55"	102	69	65	1 1/2"	2 3/8"	1 5/8" - 12 UN	SZ-20-001SK-A
SZ4-24-J01M	4.17"	2.97"	2.68"	106	75	68	1 3/4"	2 1/2"	1 7/8" - 12 UN	SZ-24-001SK-A
SZ4-32-J01M	5.03"	3.72"	3.28"	128	94	83	2 5/16"	3 1/4"	2 1/2" - 12 UN	SZ-32-001SK-A
MALE PIPE (NPT)										
SZ4-06-F01M	1,93"	1,35"	1,17"	49	34	30	5/8"	1 1/8"	3/8" NPT	SZ-06-002SK-A
SZ4-08-F01M	2,38"	1,53"	1,41"	60	39	36	3/4"	1 5/16"	1/2" NPT	SZ-08-002SK-A
SZ4-12-F01M	3,06"	1,97"	1,86"	78	50	47	15/16"	1 5/8"	3/4" NPT	SZ-12-001SK-A
SZ4-16-F01M	3,25"	2,22"	2,01"	83	56	51	1 3/16"	1 7/8"	1" NPT	SZ-16-001SK-A
SZ4-20-F01M	3,63"	2,72"	2,22"	92	69	56	1 1/2"	2 3/8"	1 1/4" NPT	SZ-20-001SK-A
SZ4-24-F01M	3,91"	2,97"	2,43"	99	75	62	1 3/4"	2 1/2"	1 1/2"NPT	SZ-24-001SK-A
SZ4-32-F01M	4,53"	3,72"	2,78"	115	94	71	2 5/16"	3 1/4"	2" NPT	SZ-32-001SK-A
MALE BSPP										
SZ4-06-P01M	1,85"	1,34"	1,06"	47	34	27	5/8"	1 1/8"	G 3/8"	SZ-06-002SK-A
SZ4-08-P01M	2,36"	1,54"	1,38"	60	39	35	3/4"	1 5/16"	G 1/2"	SZ-08-002SK-A
SZ4-12-P01M	2,99"	1,97"	1,81"	76	50	46	15/16"	1 5/8"	G 3/4"	SZ-12-001SK-A
SZ4-16-P01M	3,46"	2,20"	2,24"	88	56	57	1 3/16"	1 7/8"	G 1"	SZ-16-001SK-A
SZ4-20-P01M	3,66"	2,72"	2,24"	93	69	57	1 1/2"	2 3/8"	G 1 1/4"	SZ-20-001SK-A

	IMPERIAL			METRIC						
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	H1 (INCH)	H2 (INCH)	P1-THREAD IN	SEAL KIT
MALE ORFS (O-RING FACE SEAL/ FLAT FACE O-RING)										
SZ4-06-S01M	1,85"	1,34"	1,10"	47	34	28	5/8"	1 1/8"	11/16" - 16 UNF	SZ-06-002SK-A
SZ4-08-S01M	2,40"	1,54"	1,42"	61	39	36	3/4"	1 5/16"	13/16" - 16 UNF	SZ-08-002SK-A
SZ4-10-S01M	2,48"	1,85"	1,54"	63	47	39	15/16"	1 5/8"	1" - 14 UNF	SZ-10-002SK-A
SZ4-12-S01M	2,99"	2,09"	1,81"	76	53	46	1 1/16"	1 3/4"	1 3/16" - 12 UN	SZ-12-002SK-A
SZ4-16-S01M	3,46"	2,32"	2,20"	88	59	56	1 5/16"	2"	1 7/16" - 12 UN	SZ-16-002SK-A
SZ4-20-S01M	3,70"	2,72"	2,28"	94	69	58	1 9/16"	2 3/8"	1 11/16" - 12 UN	SZ-20-002SK-A
SZ4-24-S01M	3,90"	3,23"	2,44"	99	82	62	1 7/8"	2 3/4"	2" - 12 UN	SZ-24-002SK-A
MALE METRIC (DIN 3852)										
SZ4-20S-M01M	2,36"	1,54"	1,42"	60	39	36	3/4"	1 5/16"	M20 X 1.5	SZ-08-002SK-A
SZ4-24S-M01M	2,60"	1,85"	1,61"	66	47	41	15/16"	1 5/8"	M24 X 1.5	SZ-10-002SK-A
SZ4-30S-M01M	3,03"	2,09"	1,81"	77	53	46	1 1/16"	1 3/4"	M30 X 2.0	SZ-12-002SK-A
SZ4-36S-M01M	3,46"	2,32"	2,20"	88	59	56	1 5/16"	2"	M36 X 2.0	SZ-16-002SK-A
SZ4-42S-M01M	3,74"	2,72"	2,32"	95	69	59	1 9/16"	2 3/8"	M42 X 2.0	SZ-20-002SK-A