



Faster[®]

HYDRAULIC PEACE OF MIND



ONE TECHNOLOGY. ENDLESS APPLICATIONS.

From forestry and construction to mining and marine, Taimi products are at work in the toughest environments—keeping machines running smoothly, safely, and leak-free.

Our patented swivels and hydraulic solutions adapt to a wide range of systems, proving their reliability across industries where performance can't be compromised.

Explore the markets we serve below to see where Taimi makes a difference.

Taimi was founded in 2005 in Canada with a mission to improve hydraulic systems through innovative, reliable, and leak-resistant solutions. Our patented ball-less in-line swivels are designed to handle pressure spikes and side loads while reducing hose torsion and extending equipment life—trusted by OEMs and operators worldwide.

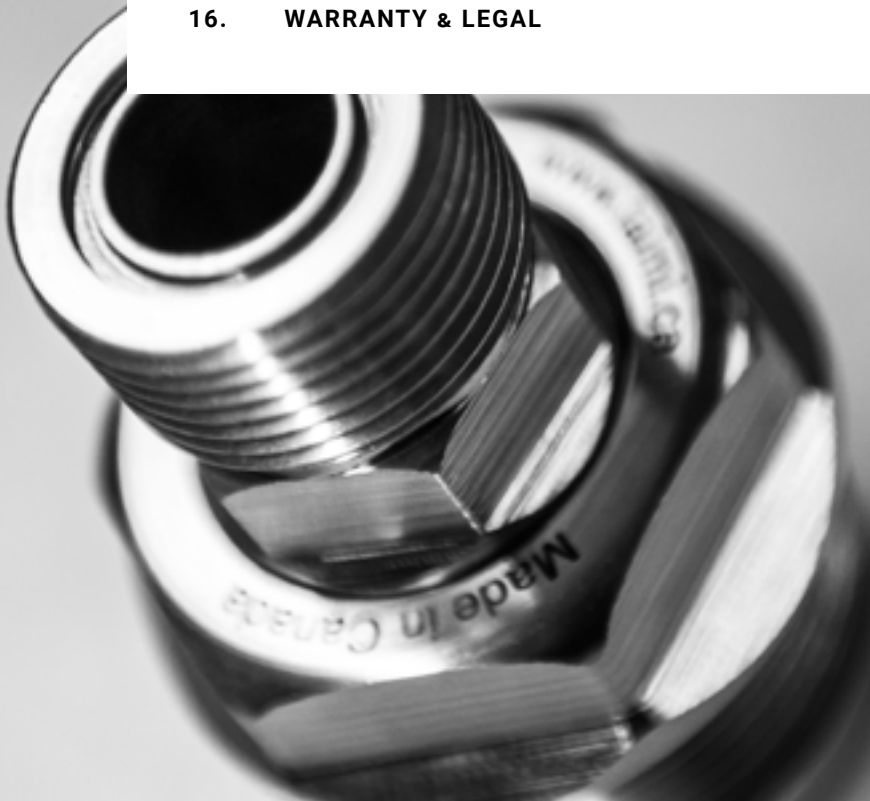
In 2022, Taimi proudly became **Faster Hydraulics Canada Corp.**, officially joining the **Faster Group** within the **Helios Technologies** family. This transition not only deepened our technical and global distribution capabilities but also marked the next chapter in our commitment to serving customers with cutting-edge hydraulic technology.

Today, as part of the Helios Hydraulics platform, we continue to design and manufacture our core products in Canada while benefiting from Faster's international network and expertise. The result: better service and stronger support—without compromising the innovation and quality that built the Taimi name.



TABLE OF CONTENT

2.	INNOVATION & TECHNOLOGY	4
3.	CUSTOM ENGINEERING & R&D	6
4.	CARTRIDGE SWIVELS	10
5.	IN-LINE SWIVELS & 90° SWIVELS STANDARD SERIES	14
8.	DUAL SWIVEL MANIFOLD "A" SERIES	27
9.	TAIMI RINGS	30
10.	STRAP WRAP	34
11.	SUPPORT & TECHNICAL	37
12.	HOW TO FIND SEAL KIT	37
13.	SEAL KIT REPLACEMENT	37
14.	BORING & TORQUE CHART	38
15.	SAFETY	40
16.	WARRANTY & LEGAL	41



2. INNOVATION & TECHNOLOGY



"At the heart of every Taimi swivel products: Ball-less design, Triple-Seal leak protection, Pressure Spike Protection. Three engineered pillars. One standard of reliability."

1. Ball-less Design

- Eliminates point contact to reduce wear and brinelling
- Our exclusive shank-nut assembly is key to the effectiveness of our design. The long span of the shank allows for optimal loads distribution. This shank is inserted through the bottom of the nut
- The slick self lubricated thrust washer is built out of a low friction polymer yielding very high-performance shock absorption characteristics.

Outcome: longer service life, consistent performance, fewer unscheduled downtimes.

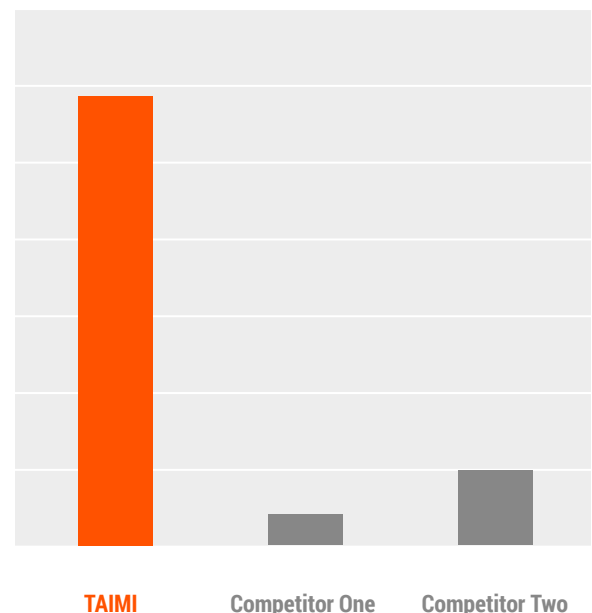
2. Triple-Seal Leak Protection

Superior sealing is achieved in three (3) stages; 1st by contact under pressure between the thrust washer and the nut and 2nd, by two (2) sets of oversized Viton O-rings and backups, completing the assembly for unmatched reliability

3. Pressure Spike Protection

The sturdy nut securely fastens the rotating shank to a housing, a block or a manifold, and prevents it from ever dismantling during operation.

IMPULSE CYCLES TO FAILURE (INDEPENDANT TEST)





SWIVEL COMPARATIVE CHART

	TAIMI	Ball bearings dual rows	Slim, no Ball Bearings	Slim, with Ball Bearings	Ball Bearings single row
Operating Pressure Bar (PSI)	430 (6250)	345 (5000)	450 (6500)	450 (6500)	207 (3000)
Sealing stages	3	1	1	1	1
Resistance to Leakage	Best	Poor	Poor	Poor	Poor
Seal Protection against Pressure Peaks	High	Poor	Poor	Poor	Poor
Possible Failure causing Heavy Oil Spill	No	Yes	No	No	Yes
Durability	Best	Fair	Fair	Fair	Poor
Side Load Resistance	Best	Fair	Poor	Poor	Poor
Self lubricating	Yes	No	No	No	No
Quick, Cheap and Easy Maintenance	Yes	No	No	No	No
Outside Lock Screw that Can Be Damaged	No	Yes	No	No	Yes
Possible Integration into Manifolds	Yes	No	No	No	No

3.CUSTOM ENGINEERING & R&D

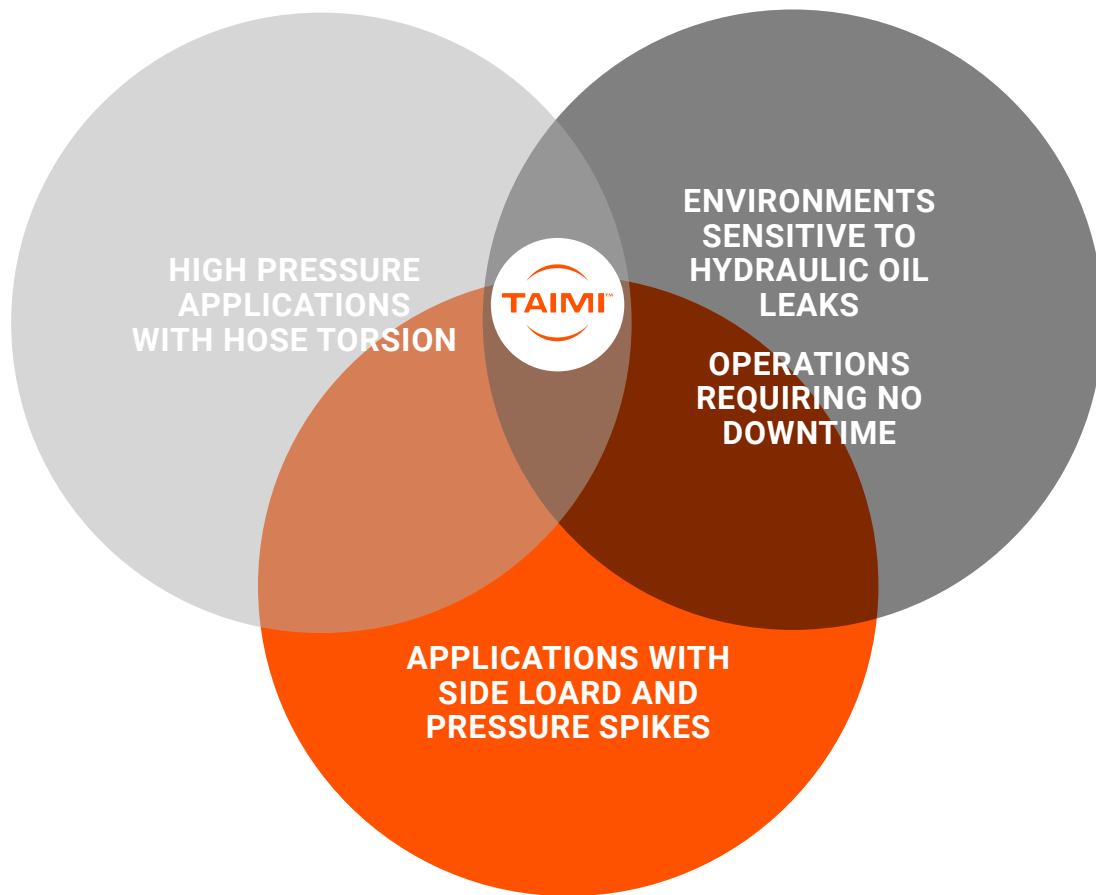


WHY CHOOSE TAIMI'S TECHNOLOGY ?

- **Superior wear resistance**
Replacement factor is about 1:10 vs. standard ball-bearing swivels
- **Higher pressure tolerance**
Market leading 6250 PSI (430 BAR) for all
- **Sizes up to 1" -16 with**
Pressure Spike Protection™
- **Enhanced side load resistance**
Larger contact surfaces for better load distribution
- **Fewer hydraulic leaks**
Taimi's unique ball-less design ensures long-term leak prevention
- **Easy maintenance**
Simple and cost-effective to rebuild
- **Sustainable**
Long service life and fewer leaks mean less waste
- **Zero Downtime Components**
Swivels will not dismantle in operation and allow for scheduled maintenance



WHERE DO OUR PRODUCTS REALLY SHINE ?



Collaborative design process

At Taimi, every swivel we design starts with collaboration. Our engineering and customer support teams work together with OEMs, distributors, and end users to ensure that each product is perfectly adapted to the realities of the field. We combine technical expertise, real-world feedback, and data from our long-term tests to continuously refine our designs and extend product life.

Our approach is structured yet flexible: customers share their application parameters, together, we identify the optimal configuration that will deliver maximum reliability, safety, and sustainability in demanding environments where downtime and hydraulic leaks are not an option.

Through transparent communication, rapid prototyping, and measurable validation steps, we transform user insight into engineering innovation. This collaborative process is what ensures every Taimi swivel product reflects our commitment to durability, performance, and zero-leak operation across industries where excellence under pressure truly matters.

Custom projects

SWIROLLS FOR LOGMAX HARVESTER HEADS



BOLT-ON SWIROLL FOR LOGMAX

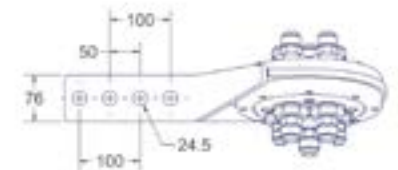
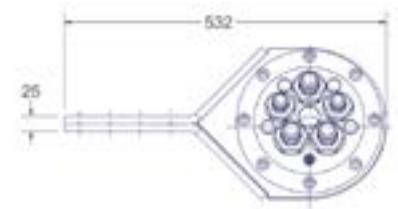
LENGTH : 13.25" - WIDTH : 9.66" - HEIGHT : 7.63"

WEIGHT : 51.5 LBS - SEAL KIT : SZ-SRL-301SK

U-BOLT LOCKING DEVICE : SRF-85-113

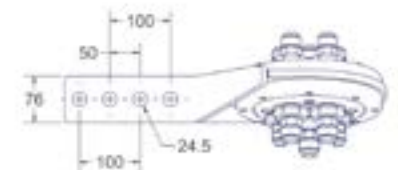
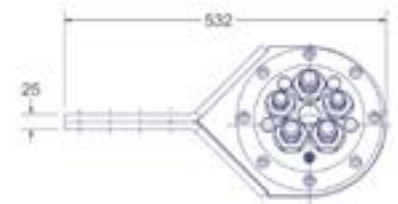
JIC CONFIGURATIONS

PART NU.	PORTS
SR4S-JJ-502	3 X J16, 1 X J12
SR4S-JJ-504	3 X J16, 1 X J08
SR4S-JJ-505	2 X J16, 2 X J12
SR4S-JJ-506	2 X J16, 1 X J12, 1 X J08
SR4S-JJ-520	2 X J20, 2 X J12
SR5-JJ-503	3 X J16, 2 X J12



BSPP CONFIGURATIONS

PART NU.	PORTS
SR4S-PP-504	3 X P16, 1 X P08
SR4S-PP-505	2 X P16, 2 X P12
SR4S-PP-506	2 X P16, 1 X P12, 1 X P08
SR5-PP-506K	2 X P16, 2 X P12, 1 X P08
SR5-PP-507	2 X P16, 1 X P12, 2 X P08



ORFS CONFIGURATION

PART NU.	PORTS
SR5-SS-506	1x S08, 1 x S12, 2 x S16

SWIROLLS FOR SOUTHSTAR HARVESTER HEADS

BOLT-ON SWIROLL

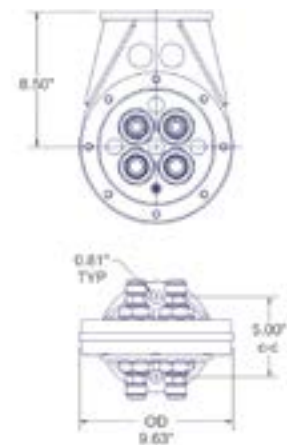
LENGTH : 13.25" - WIDTH : 9.66" - HEIGHT : 7.63"

WEIGHT : 62.2 LBS - SEAL KIT : SZSRS-302SK

U-BOLT LOCKING DEVICE : SRF-85-113

JIC CONFIGURATIONS

PART NU.	PORTS
SR4S-JS-503	2 X JIC 16, 2 X JIC 12
SR4S-JJ-510	1 X JIC 20, 1 X JIC 16, 2 X JIC 12



BLOCK FOR CATERPILLAR TRACK HARVESTERS BOOM

PART NU.	REFERENCE	A	B	C	PORTS	WEIGHT
----------	-----------	---	---	---	-------	--------

SM4C-S201208-502	501HD Main Boom & 501HD Stick Boom	12.5"	2.20"	7.5"	3 X ORFS 20 3 X ORFS 12 3 X ORFS 08	52 Lbs
------------------	------------------------------------	-------	-------	------	---	--------



SM5F-J1208-504	Full Kit For CAT 501HD Boom	12.5"	2.20"	7.5"	2 X 3 X ORFS 20 3 X ORFS 12 3 X ORFS 08	104 Lbs
----------------	-----------------------------	-------	-------	------	--	---------





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.



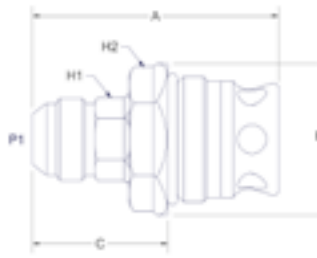
THE TOUGHEST SWIVEL PRODUCTS ON THE MARKET



HOW TO ORDER

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



	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

5.

IN-LINE SWIVELS

Taimi's patented ball-less swivels bring unmatched reliability to hydraulic systems by eliminating internal wear points and preventing leaks. The result: longer service life, minimal downtime, and lower maintenance costs. Trusted by some of the world's largest machinery manufacturers, Taimi swivels are the toughest on the market.



90° SWIVELS STANDARD SERIES

Meet the wide range of 90° Swivel- standard series, designed with the highest standard of durability. Taimi's unique ball-less technology brings reliability to your hydraulic system increasing service life and cutting out leakages. This means higher productivity and lower operating costs.



WHY CHOOSE TAIMI IN-LINE SWIVELS ?

- **Pressure Spikes Protection™**
- **Easy and quick to repack**
- **Triple Seal Protection™**
- **Supports Higher pressure**
- **Fewer interruptions / Won't pull apart**
- **Durable**
- **Low maintenance**
- **Reduces leakage**
- **Custom solutions available**

HOW TO ORDER

SZ	J	12	M	J	12	M
SWIVEL DESIGNATOR	HOSE CONNECTION TYPE	SHANK SIZE	SHANK CONFIGURATION	HOUSING HOSE CONNECTION TYPE	HOUSING	HOUSING CONFIGURATION
	J = JIC (37°) F = NPT P = BSPP S = ORFS M = Metric		M = MALE	J = JIC (37°) FLARE JB = COMBO JIC 37° FLARE - SAE (O-RING BOSS) F = NPT P = BSPP S = ORFS (O-RING FACE SEAL) M = METRIC	1/16 of an inch M = MALE F = FEMALE	M = MALE F = FEMALE

WHY CHOOSE TAIMI 90° SWIVELS-STANDARD SERIES ?

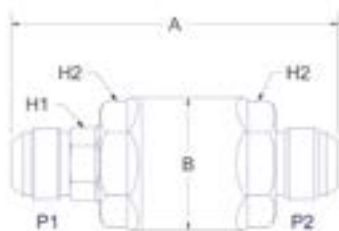
- **Patented ball-less design**
- **No snap ring, will not dismantle**
- **Triple Seal Protection™**
- **Pressure Spikes Protection™**
- **Easy and quick to repack**
- **Great side loads resistance**
- **A product that pays back: less leaking and better wear resistance**

HOW TO ORDER

SZ90	J	12	M	B	12	F
90° SWIVEL DESIGNATOR	HOSE CONNECTION TYPE	HOSE SIZE	SHANK CONFIGURATION	HOUSING HOSE CONNECTION TYPE	SHANK SIZE	HOUSING CONFIGURATION
	J = JIC (37°) FLARE F = NPT P = BSPP S = ORFS (O-RING FACE SEAL) M = METRIC		M = MALE	J = JIC (37°) FLARE B = SAE (O-RING BOSS) F = NPT P = BSPP S = ORFS (O-RING FACE SEAL) M = METRIC	1/16 of an inch	M = MALE F = FEMALE

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

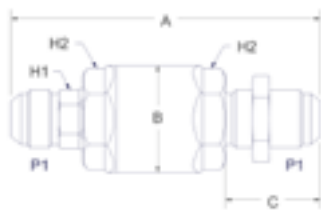
IN LINE SWIVELS



	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1 - THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE JIC (37° FLARE) - MALE JIC (37° FLARE)											
SZ-J06M-J06M	2,98"	1,22"	-	76	31	-	9/16" - 18 UNF	9/16" - 18 UNF	1/2"	1"	SZ-06-001SK-A
SZ-J08M-J08M	3,84"	1,47"	-	98	37	-	3/4" - 16 UNF	3/4" - 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
SZ-J10M-J10M	4,05"	1,72"	-	103	44	-	7/8" - 14 UNF	7/8" - 14 UNF	13/16"	1 1/2"	SZ-10-001SK-A
SZ-J12M-J12M	4,89"	1,97"	-	124	50	-	1 1/16" - 12 UN	1 1/16" - 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
SZ-J16M-J16M	5,57"	2,29"	-	141	58	-	1 5/16" - 12 UN	1 5/16" - 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-J20M-J20M	6,05"	2,88"	-	154	73	-	1 5/8" - 12 UN	1 5/8" - 12 UN	1" 1/2	2" 3/8	SZ-20-001SK-A
SZ-J24M-J24M	6,43"	3,12"	-	163	79	-	1 7/8" - 12 UN	1 7/8" - 12 UN	1 3/4"	2 1/2"	SZ-24-001SK-A
SZ-J32M-J32M	7,71"	3,97"	-	196	101	-	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											
SZ-J06M-JB06F	2,59"	1,22"	-	66	31	-	9/16" - 18 UNF	9/16" - 18 UNF	1/2"	1"	SZ-06-001SK-A
SZ-J08M-JB08F	3,28"	1,47"	-	83	37	-	3/4" - 16 UNF	3/4" - 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
SZ-J10M-JB10F	3,43"	1,72"	-	87	44	-	7/8" - 14 UNF	7/8" - 14 UNF	13/16"	1" 1/2	SZ-10-001SK-A
SZ-J12M-JB12F	4,14"	1,97"	-	105	50	-	1 1/16" - 12 UN	1 1/16" - 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
SZ-J16M-JB16F	4,63"	2,29"	-	118	58	-	1 5/16"- 12 UN	1 5/16" - 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-J20M-JB20F	5,05"	2,88"	-	128	73	-	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"	3,12"	-	136	79	-	1 7/8" - 12 UN	1 7/8"- 12 UN	1" 3/4	2" 1/2	SZ-24-001SK-A
SZ-J32M-JB32F	6,46"	3,97"	-	164	101	-	2 1/2" - 12 UN	2 1/1"- 12 UN	2" 5/16	3" 1/4	SZ-32-001SK-A
MALE JIC (37° FLARE) - FEMALE PIPE (NPT)											
SZ-J08M-F08F	3,09"	1,47"	-	78	37	-	3/4"- 16 UNF	1/2" NPT	11/16"	1 1/4"	SZ-08-001SK-A
SZ-J12M-F12F	3,95"	1,97"	-	100	50	-	1 1/16" - 12 UN	3/4" NPT	15/16"	1" 5/8	SZ-12-001SK-A
SZ-J16M-F16F	4,44"	2,22"	-	113	56	-	1 5/16" - 12 UN	1" NPT	1" 3/16	1" 7/8	SZ-16-001SK-A
SZ-J20M-F20F	5,12"	2,88"	-	130	73	-	1 5/8" - 12 UN	1 1/4" NPT	1" 1/2	2" 3/8	SZ-20-001SK-A
MALE JIC (37° FLARE) - FEMALE BSPP											
SZ-J12M-P12F	3,89"	1,97"	-	99	50	-	1 1/16" - 12 UN	G 3/4"	15/16"	1" 5/8	SZ-12-001SK-A
SZ-J16M-P16F	4,44"	2,29"	-	113	58	-	1 5/16" - 12 UN	G 1"	1" 3/16	1" 7/8	SZ-16-001SK-A
MALE JIC (37° FLARE) - MALE BSPP											
SZ-J12M-P12M	4,45"	1,97"	-	113	50	-	1 1/16" - 12 UN	G 3/4"	15/16"	1" 5/8	SZ-12-001SK-A
SZ-J16M-P16M	5,19"	2,29"	-	132	58	-	1 5/16"- 12 UN	G 1"	1" 3/16	1" 7/8	SZ-16-001SK-A

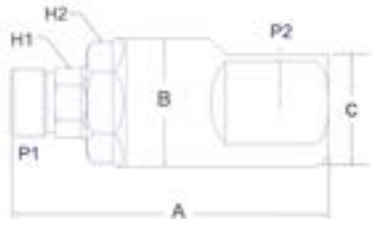
	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1 - THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE PIPE (NPT) - FEMALE PIPE (NPT)											
SZ-F06M-F06F	2,42"	1,35"	-	61	34	-	-	-	-	-	-
SZ-F08M-F08F	2,97"	1,53"	-	75	39	-	1/2" NPT	1/2" NPT	3/4"	1 5/16"	SZ-08-002SK-A
SZ-F12M-F12F	3,86"	1,97"	-	98	50	-	3/4" NPT	3/4" NPT	15/16"	1 5/8"	SZ-12-001SK-A
SZ-F16M-F16F	4,13"	2,22"	-	105	56	-	1" NPT	1" NPT	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-F20M-F20F	4,72"	2,88"	-	120	73	-	1 1/4" NPT	1 1/4" NPT	1 1/2"	2 3/8"	SZ-20-001SK-A
SZ-F24M-F24F	5,18"	3,12"	-	132	79	-	-	-	-	-	-
SZ-F32M-F32F	5,78"	3,97"	-	147	101	-	-	-	-	-	-
MALE PIPE (NPT) - COMBO FEMALE JIC (37° FLARE) / FEMALE O-RING BOSS (ORB) / SAE J1926-3											
SZ-F12M-JB12F	4,06"	1,97"	-	103	50	-	3/4" NPT	1 1/16" - 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
SZ-F16M-JB16F	4,33"	2,28"	-	110	58	-	1" NPT	1 5/16" - 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-F20M-JB20F	4,72"	2,88"	-	120	73	-	1 1/4" NPT	1 5/8" - 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
MALE BSPP - MALE BSPP											
SZ-P06M-P06M	2,80"	1,34"	-	71	34	-	G 3/8"	G 3/8"	5/8"	1 5/16"	SZ-06-001SK-A
SZ-P08M-P08M	3,46"	1,54"	-	88	39	-	G 1/2"	G 1/2"	3/4"	1 5/16"	SZ-08-002SK-A
SZ-P10M-P10M	3,78"	1,85"	-	96	47	-	G 5/8"	G 5/8"	-	-	SZ-10-001SK-A
SZ-P12M-P12M	4,29"	1,97"	-	109	50	-	G 3/4"	G 3/4"	15/16"	1 5/8"	SZ-12-001SK-A
SZ-P16M-P16M	5,12"	2,28"	-	130	58	-	G 1"	G 1"	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-P20M-P20M	5,31"	2,87"	-	135	73	-	G 1 1/4"	G 1 1/4"	-	-	SZ-20-001SK-A
MALE BSPP - FEMALE BSPP											
SZ-P06M-P06F	2,32"	1,34"	-	59,00	34,00	-	G 3/8"	G 3/8"	5/8"	1 5/16"	SZ-06-001SK-A
SZ-P08M-P08F	2,95"	1,54"	-	75	39	-	G 1/2"	G 1/2"	3/4"	1 5/16"	SZ-08-002SK-A
SZ-P10M-P10F	3,19"	1,85"	-	81	47	-	G 5/8"	G 5/8"	15/16"	1" 5/8	SZ-10-001SK-A
SZ-P12M-P12F	3,74"	1,97"	-	95	50	-	G 3/4"	G 3/4"	15/16"	1 5/8"	SZ-12-001SK-A
SZ-P16M-P16F	4,33"	2,28"	-	110	58	-	G 1"	G 1"	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-P20M-P20F	4,53"	2,87"	-	115	73	-	G 1 1/4"	G 1 1/4"	1" 1/2	2" 3/8	SZ-20-001SK-A
SZ-J16M-P16M	5,19"	2,29"	-	132	58	-	1 5/16"- 12 UN	G 1"	1" 3/16	1" 7/8	SZ-16-001SK-A

	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1 - THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE ORFS (O-RING FACE SEAL) - MALE ORFS (O-RING FACE SEAL)											
SZ-S06M-S06M	2,80"	1,34"	-	71	34	-	11/16" - 16 UNF	11/16" - 16 UNF	5/8"	1 1/8"	SZ-06-002SK-A
SZ-S08M-S08M	3,50"	1,58"	-	89	40	-	13/16" - 16 UNF	13/16" - 16 UNF	3/4"	1 5/16"	SZ-08-002SK-A
SZ-S10M-S10M	3,78"	1,85"	-	96	47	-	1" - 14 UNS	1" - 14 UNS	15/16"	1" 5/8	SZ-10-002SK-A
SZ-S12M-S12M	4,45"	2,17"	-	113	55	-	1 3/16" - 12 UN	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-S16M-S16M	5,09"	2,41"	-	129	61	-	1 7/16" - 12 UN	1 7/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
SZ-S20M-S20M	5,43"	2,87"	-	138	73	-	1 11/16" - 12 UN	1 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A
SZ-S24M-S24M	5,83"	3,23"	-	148	82	-	2" - 12 UN	2" - 12 UN	1 7/8"	2 3/4"	SZ-24-001SK-A
MALE ORFS (O-RING FACE SEAL) - COMBO FEMALE JIC (37° FLARE) / FEMALE O-RING BOSS (ORB) / SAE J1926-3											
SZ-S12M-JB12F	3,98"	2,17"	-	101	55	-	1 3/16" - 12 UN	1 1/16" - 12 UN	1" 1/16	1" 3/4	SZ-12-002SK-A
SZ-S16M-JB16F	4,53"	2,41"	-	115	61	-	1 7/16" - 12 UN	1 5/16" - 12 UN	1" 5/16	2"	SZ-16-002SK-A
SZ-S20M-JB20F	4,78"	2,88"	-	121	73	-	1 11/16" - 12 UN	1 5/8" - 12 UN	1" 9/16	2" 3/8	SZ-20-002SK-A
MALE ORFS (O-RING FACE SEAL) - FEMALE ORFS (O-RING FACE SEAL)											
SZ-S08M-S08F	2,99"	1,57"	-	76	40	-	13/16" - 16 UNF	13/16" - 16 UNF	3/4"	1" 5/16	SZ-08-002SK-A
SZ-S10M-S10F	3,15"	1,85"	-	80	47	-	1" - 14 UNF	1" - 14 UNF	15/16"	1" 5/8	SZ-10-002SK-A
SZ-S12M-S12F	3,78"	2,17"	-	96	55	-	1 3/16" - 12 UN	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-S16M-S16F	4,33"	2,40"	-	110	61	-	1 7/16" - 12 UN	1 7/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
SZ-S20M-S20F	4,69"	2,87"	-	119	73	-	1 11/16" - 12 UN	1 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A
SZ-S24M-S24F	5,00"	3,23"	-	127	82	-	2" - 12 UN	2" - 12 UN	1" 7/8	2" 3/4	SZ-24-002SK-A
MALE METRIC (DIN 3852) - FEMALE BSPP											
SZ-M20SM-P08F	2,95"	1,54"	-	75	39	-	M20 X 1.5	G 1/2"	3/4"	1" 5/16	SZ-08-002SK-A
SZ-M24SM-P10F	3,23"	1,85"	-	82	47	-	M24 X 1.5	G 5/8"	15/16"	1" 5/8	SZ-10-002SK-A
SZ-M30SM-P12F	3,78"	2,17"	-	96	55	-	M30 X 2.0	G 3/4"	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-M36SM-P16F	4,25"	2,40"	-	108	61	-	M36 X 2.0	G 1"	1" 5/16	2"	SZ-16-002SK-A
SZ-M42SM-P20F	4,57"	2,87"	-	116	73	-	M42 X 2.0	G 1 1/4"	1" 9/16	2" 3/8	SZ-20-002SK-A
MALE METRIC (DIN 3852) - FEMALE ORFS (O-RING FACE SEAL)											
SZ-M30SM-S12F	3,82"	2,17"	-	97	55	-	M30 X 2.0	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-M36SM-S16F	4,33"	2,40"	-	110	61	-	M36 X 2.0	1 7/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
SZ-M42SM-S20F	4,69"	1,44"	-	119	37	-	M42 X 2.0	1 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A
MALE METRIC - MALE METRIC (DIN 3852)											
SZ-M20SM-M20SM	3,50"	1,54"	-	89	39	-	M20 X 1.5	M20 X 1.5	3/4"	1" 5/16	
SZ-M24SM-M24SM	3,78"	1,85"	-	96	47	-	M24 X 1.5	M24 X 1.5	15/16"	1 5/8"	SZ-10-002SK-A
SZ-M30SM-M30SM	4,45"	2,17"	-	113	55	-	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-M30SM-M36SM	4,57"	2,09"	-	116	53	-	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-M30SM-M42SM	4,65"	2,09"	-	118	53	-	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-M36SM-M36SM	5,04"	2,40"	-	128	61	-	M36 X 2.0	M36 X 2.0	1 5/16"	2"	SZ-16-002SK-A
SZ-M42SM-M42SM	5,39"	2,87"	-	137	73	-	M42 X 2.0	M42 X 2.0	1 9/16"	2 3/8"	SZ-20-001SK-A



	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1-THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE JIC (37° FLARE) - MALE JIC (37° FLARE) BULKHEAD											
SZ-J06M-J06MB	3,71"	1,22"	1,25"	94	31	32	9/16" - 18 UNF	9/16" - 18 UNF	1/2"	1"	SZ-06-001SK-A
SZ-J08M-J08MB	4,59"	1,47"	1,50"	117	37	38	3/4" - 16 UNF	3/4" - 16 UNF	11/16"	1 1/4"	SZ-08-001SK-A
SZ-J10M-J10MB	4,90"	1,72"	-	124	44	-	7/8" - 14 UNF	7/8" - 14 UNF	13/16"	1 1/2"	SZ-10-001SK-A
SZ-J12M-J12MB	5,69"	1,97"	1,75"	145	50	44	1 1/16" - 12 UN	1 1/16" - 12 UN	15/16"	1 5/8"	SZ-12-001SK-A
SZ-J16M-J16MB	6,32"	2,29"	1,88"	161	58	48	1 5/16" - 12 UN	1 5/16" - 12 UN	1 3/16"	1 7/8"	SZ-16-001SK-A
SZ-J20M-J20MB	6,92"	2,88"	2,00"	176	73	51	1 5/8" - 12 UN	1 5/8" - 12 UN	1 1/2"	2 3/8"	SZ-20-001SK-A
MALE ORFS (O-RING FACE SEAL) - MALE ORFS BULKHEAD											
SZ-S06M-S06MB	3,62"	1,34"	1,26"	92	34	32	11/16" - 16 UNF	11/16" - 16 UNF	5/8"	1 1/8"	SZ-06-002SK-A
SZ-S08M-S08MB	4,25"	1,57"	1,30"	108	40	33	13/16" - 12 UNF	13/16" - 12 UNF	3/4"	1 5/16"	SZ-08-002SK-A
SZ-S10M-S10MB	4,53"	1,57"	-	110	40	-	1" - 14 UNF	1" - 14 UNF	1 1/16"	1 3/4"	SZ-10-002SK-A
SZ-S12M-S12MB	5,20"	2,17"	1,42"	132	55	36	1 3/16" - 12 UN	1 3/16" - 12 UN	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-S16M-S16MB	5,83"	2,40"	1,50"	148	61	38	1 5/16" - 12 UN	1 5/16" - 12 UN	1 5/16"	2"	SZ-16-002SK-A
SZ-S20M-S20MB	6,30"	2,87"	1,61"	160	73	41	1 11/16" - 12 UN	2 11/16" - 12 UN	1 9/16"	2 3/8"	SZ-20-002SK-A
MALE BSPP - MALE BSPP BULKHEAD											
SZ-P06M-P06MB	3,58"	1,34"	1,26"	91	34	32	G 3/8"	G 3/8"	5/8"	1"	SZ-06-002SK-A
SZ-P08M-P08MB	4,21"	1,54"	1,30"	107	39	33	G 1/2"	G 1/2"	3/4"	1 5/16"	SZ-08-002SK-A
SZ-P12M-P12MB	5,20"	1,97"	1,42"	132	50	36	G 3/4"	G 3/4"	15/16"	1 5/8"	SZ-12-001SK-A
SZ-P16M-P16MB	5,91"	2,28"	1,57"	150	58	40	G 1"	G 1"	1 3/16"	1 7/8"	SZ-16-001SK-A
MALE METRIC - MALE METRIC BULKHEAD (DIN 3852)											
SZ-M24SM-M24SMB	4,72"	1,85"	-	120	47	-	M24 X 1.5	M24 X 1.5	15/16"	1" 5/8	SZ-10-002SK-A
SZ-M30SM-M30SMB	5,59"	2,17"	-	142	55	-	M30 X 2.0	M30 X 2.0	1 1/16"	1 3/4"	SZ-12-002SK-A
SZ-M36SM-M36SMB	5,94"	2,40"	-	151	61	-	M36 X 2.0	M36 X 2.0	1 5/16"	2"	SZ-16-002SK-A
SZ-M42SM-M42SMB	7,09"	2,87"	2,52"	180	73	64	M42 X 2.0	M42 X 2.0	1 9/16"	2" 3/8	SZ-20-001SK-A

90 SWIVEL STANDARD SERIES



	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1 - THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE PIPE (NPT) - FEMALE PIPE (NPT)											
SZ90-F06M-F06F	3,04"	1,35"	1,21"	77,22	34,29	30,73	3/8" NPT	3/8" NPT	0.63"	1.12"	SZ-06-002SK-A
SZ90-F08M-F08F	3,78"	1,53"	1,33"	96,01	38,86	33,78	1/2" NPT	1/2" NPT	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-F12F	5,00"	1,97"	1,74"	127,00	50,04	44,20	3/4" NPT	3/4" NPT	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-F16F	5,51"	2,22"	1,91"	139,95	56,39	48,51	1" NPT	1" NPT	1.19"	1.88"	SZ-16-001SK-A
MALE PIPE (NPT) - FEMALE O-RING BOSS (ORB) / SAE J1926-3											
SZ90-F08M-B08F	3,78"	1,53"	1,33"	96,01	38,86	33,78	1/2" NPT	SAE 08	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-B12F	4,99"	1,97"	1,74"	126,75	50,04	44,20	3/4" NPT	SAE 12	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-B16F	5,51"	2,22"	1,91"	139,95	56,39	48,51	1" NPT	SAE 16	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-B20F	6,47"	2,72"	2,44"	164,34	69,09	61,98	1 1/4" NPT	SAE 20	1.50"	2.38"	SZ-20-001SK-A
MALE PIPE (NPT) - MALE PIPE (NPT)											
SZ90-F08M-F08M	3,31"	1,53"	1,33"	84,07	38,86	33,78	1/2" NPT	1/2" NPT	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-F12M	4,34"	1,97"	1,74"	110,24	50,04	44,20	3/4" NPT	3/4" NPT	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-F16M	4,88"	2,22"	1,92"	123,95	56,39	48,77	1" NPT	1" NPT	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-F20M	5,84"	2,72"	3,80"	148,34	69,09	96,52	1 1/4" NPT	1 1/4" NPT	1.50"	2.38"	SZ-20-001SK-A
MALE PIPE (NPT) - MALE JIC (37° FLARE)											
SZ90-F08M-J08M	3,78"	1,53"	2,32"	96,01	38,86	58,93	1/2" NPT	3/4" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-J12M	4,34"	1,97"	3,07"	110,24	50,04	77,98	3/4" NPT	1 1/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-J16M	4,88"	2,22"	3,31"	123,95	56,39	84,07	1" NPT	1 5/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-J20M	5,84"	2,72"	3,91"	148,34	69,09	99,31	1 1/4" NPT	1 5/8" - 12 UN	1.50"	2.38"	SZ-20-001SK-A
MALE PIPE (NPT) - MALE ORFS (O-RING FACE SEAL)											
SZ90-F08M-S08M	3,31"	1,53"	2,17"	84,07	38,86	55,12	1/2" NPT	13/16" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-F12M-S12M	4,34"	1,97"	2,93"	110,24	50,04	74,42	3/4" NPT	1 3/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-F16M-S16M	4,88"	2,22"	3,17"	123,95	56,39	80,52	1" NPT	1 7/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-F20M-S20M	5,84"	2,72"	3,7"	148,34	69,09	93,98	1 1/4" NPT	1 11/16" - 12 UN	1.50"	2.38"	SZ-20-001SK-A

	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1-THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE JIC (37° FLARE) - FEMALE O-RING BOSS (ORB) / SAE J1926-3											
SZ90-J06M-B06F	3,03"	1,22"	1,08"	76,96	30,99	27,43	9/16" - 18 UNF	SAE 06	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-B08F	3,84"	1,47"	1,30"	97,54	37,34	33,02	3/4" - 16 UNF	SAE 08	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-B12F	5,07"	1,97"	1,74"	128,78	50,04	44,20	1 1/16" - 12 UN	SAE 12	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-B16F	5,82"	2,22"	1,91"	147,83	56,39	48,51	1 5/16" - 12 UN	SAE 16	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-B20F	6,80"	2,72"	2,44"	172,72	69,09	61,98	1 5/8" - 12 UN	SAE 20	1.50"	2.38"	SZ-20-001SK-A
MALE JIC (37° FLARE) - MALE JIC (37° FLARE)											
SZ90-J06M-J06M	2,53"	1,22"	1,97"	64,26	30,99	50,04	9/16" - 18 UNF	9/16" - 18 UNF	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-J08M	3,84"	1,47"	2,29"	97,54	37,34	58,17	3/4" - 16 UNF	3/4" - 16 UNF	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-J12M	5,07"	1,97"	3,07"	128,78	50,04	77,98	1 1/16" - 12 UN	2 1/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-J16M	5,82"	2,22"	3,26"	147,83	56,39	82,80	1 5/16" - 12 UN	2 5/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-J20M	6,80"	2,72"	3,98"	172,72	69,09	101,09	1 5/8" - 12 UN	2 5/8" - 12 UN	1.50"	2.38"	SZ-20-001SK-A
MALE JIC (37° FLARE) - MALE PIPE (NPT)											
SZ90-J06M-F06M	2,53"	1,22"	1,88"	64,26	30,99	47,75	9/16" - 18 UNF	3/8" NPT	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-F08M	3,28"	1,47"	2,11"	83,31	37,34	53,59	3/4" - 16 UNF	1/2" NPT	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-F12M	4,34"	1,97"	2,88"	110,24	50,04	73,15	1 1/16" - 12 UN	3/4" NPT	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-F16M	4,88"	2,22"	3,25"	123,95	56,39	82,55	1 5/16" - 12 UN	1" NPT	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-F20M	5,84"	2,72"	3,80"	148,34	69,09	96,52	1 5/8" - 12 UN	1 1/4" NPT	1.50"	2.38"	SZ-20-001SK-A
MALE JIC (37° FLARE) - MALE ORFS (O-RING FACE SEAL)											
SZ90-J06M-S06M	2,53"	1,22"	1,88"	64,26	30,99	47,75	9/16" - 18 UNF	11/16" - 16 UNF	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-S08M	3,28"	1,47"	2,14"	83,31	37,34	54,36	3/4" - 16 UNF	13/16" - 16 UNF	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-S12M	4,34"	1,97"	2,93"	110,24	50,04	74,42	1 1/16" - 12 UN	1 3/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-S16M	4,88"	2,22"	3,17"	123,95	56,39	80,52	1 5/16" - 12 UN	1 7/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-S20M	5,84"	2,72"	3,7"	148,34	69,09	93,98	1 5/8" - 12 UN	1 11/16" - 12 UN	1.50"	2.38"	SZ-20-001SK-A
MALE JIC (37° FLARE) - MALE BSPP											
SZ90-J06M-P06M	2,53"	1,22"	1,81"	64,26	30,99	45,97	9/16" - 18 UNF	9/16" - 18 UNF	0.50"	1.00"	SZ-06-001SK-A
SZ90-J08M-P08M	3,28"	1,47"	2,09"	83,31	37,34	53,09	3/4" - 16 UNF	3/4" - 16 UNF	0.69"	1.25"	SZ-08-001SK-A
SZ90-J12M-P12M	4,34"	1,97"	2,8"	110,24	50,04	71,12	1 1/16" - 12 UN	1 1/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-J16M-P16M	4,88"	2,22"	3,06"	123,95	56,39	77,72	1 5/16" - 12 UN	1 5/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-J20M-P20M	5,84"	2,72"	3,82"	148,34	69,09	97,03	1 5/8" - 12 UN	1 5/8" - 12 UN	1.50"	2.38"	SZ-20-001SK-A
MALE ORFS (O-RING FACE SEAL) - FEMALE O-RING BOSS (ORB) / SAE J1926-3											
SZ90-S08M-B08F	3,81"	1,53"	1,33"	96,77	38,86	33,78	13/16" - 16 UNF	SAE 08	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-B12F	4,92"	2,09"	1,74"	124,97	53,09	44,20	1 3/16" - 12 UN	SAE 12	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-B16F	5,72"	2,34"	1,91"	145,29	59,44	48,51	1 7/16" - 12 UN	SAE 16	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-B20F	6,54"	2,72"	2,44"	166,12	69,09	61,98	1 11/16" - 12 UN	SAE 20	1.56"	2.38"	SZ-20-002SK-A

	IMPERIAL			METRIC							
PART NU	A (INCH)	B (INCH)	C (INCH)	A (MM)	B (MM)	C (MM)	P1-THREAD IN	P2 - THREAD OUT	H1 (INCH)	H2 (INCH)	SEAL KIT
MALE ORFS (O-RING FACE SEAL) - MALE ORFS (O-RING FACE SEAL)											
SZ90-S08M-S08M	3,34"	1,53"	2,17"	84,84	38,86	55,12	13/16" - 16 UNF	13/16" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-S12M	4,92"	2,09"	3,05"	124,97	53,09	77,47	1 3/16" - 12 UN	1 3/16" - 12 UN	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-S16M	5,72"	2,34"	3,3"	145,29	59,44	83,82	1 7/16" - 12 UN	1 7/16" - 12 UN	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-S20M	5,84"	2,88"	3,70"	148,34	73,15	93,98	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)											
SZ90-S08M-J08M	3,34"	1,53"	2,17"	84,84	38,86	55,12	13/16" - 16 UNF	3/4" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-J12M	4,34"	2,09"	3,22"	110,24	53,09	81,79	1 3/16" - 12 UN	1 1/16" - 12 UN	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-J16M	5,00"	2,34"	3,44"	127,00	59,44	87,38	1 7/16" - 12 UN	1 5/16" - 12 UN	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-J20M	5,84"	2,88"	3,91"	148,34	73,15	99,31	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 (NPT)											
SZ90-S08M-F08M	3,34"	1,53"	2,17"	84,84	38,86	55,12	13/16" - 16 UNF	1/2" NPT	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-F12M	4,34"	2,09"	3,02"	110,24	53,09	76,71	1 3/16" - 12 UN	3/4" NPT	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-F16M	5,00"	2,34"	3,38"	127,00	59,44	85,85	1 7/16" - 12 UN	1" NPT	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-F20M	5,84"	2,88"	3,8"	148,34	73,15	96,52	1 11/16" - 12 UN	1 1/4" NPT	1.56"	2.38"	SZ-20-002SK-A
MALE ORFS (O-RING FACE SEAL) - MALE BSPP											
SZ90-S08M-P08M	3,34"	1,53"	2,17"	84,84	38,86	55,12	13/16" - 16 UNF	3/4" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-S12M-P12M	4,34"	2,09"	2,95"	110,24	53,09	74,93	1 3/16" - 12 UN	1 1/16" - 12 UN	1.06"	1.75"	SZ-12-002SK-A
SZ90-S16M-P16M	5,00"	2,34"	3,19"	127,00	59,44	81,03	1 7/16" - 12 UN	1 5/16" - 12 UN	1.31"	2.00"	SZ-16-002SK-A
SZ90-S20M-P20M	5,84"	2,88"	3,82"	148,34	73,15	97,03	1 11/16" - 12 UN	1 5/8" - 12 UN	1.56"	2.38"	SZ-20-002SK-A
MALE BSPP - FEMALE O-RING BOSS (ORB) / SAE J1926-3											
SZ90-P08M-B08F	3,77"	1,53"	1,33"	95,70	38,90	33,78	G 1/2	SAE 08	0.75"	1.31"	SZ-08-002SK-A
SZ90-P12M-B12F	4,93"	1,97"	1,74"	125,20	50,00	44,20	G 3/4	SAE 12	0.94"	1.63"	SZ-12-001SK-A
SZ90-P16M-B16F	5,73"	2,22"	1,91"	145,54	56,39	48,51	G 1	SAE 16	1.19"	1.88"	SZ-16-001SK-A
SZ90-P20M-B20F	6,51"	2,88"	2,44"	165,40	73,20	61,98	G 1 1/4	SAE 20	1.50"	2.38"	SZ-20-001SK-A
MALE BSPP - MALE BSPP											
SZ90-P08M-P08M	3,77"	1,53"	0,09"	95,70	38,90	2,17	G 1/2	G 1/2	0.75"	1.31"	SZ-08-002SK-A
SZ90-P12M-P12M	4,93"	1,97"	2,80"	125,20	50,00	71,00	G 3/4	G 3/4	0.94"	1.63"	SZ-12-001SK-A
SZ90-P16M-P16M	5,73"	2,22"	3,06"	145,54	56,39	77,72	G 1	G 1	1.19"	1.88"	SZ-16-001SK-A
SZ90-P20M-P20M	6,51"	2,88"	3,84"	165,40	73,20	97,50	G 1 1/4	G 1 1/4	1.50"	2.38"	SZ-20-001SK-A
MALE BSPP - MALE JIC (37° FLARE)											
SZ90-P08M-J08M	3,77"	1,53"	2,32"	95,70	38,90	59,00	G 1/2	3/4" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-P12M-J12M	4,93"	1,97"	3,07"	125,22	50,04	77,98	G 3/4	1 1/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-P16M-J16M	5,73"	2,22"	3,31"	145,54	56,39	84,07	G 1	1 5/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-P20M-J20M	6,51"	2,73"	3,91"	165,35	69,34	99,31	G 1 1/4	1 5/8" - 12 UN	1.50"	2.38"	SZ-20-001SK-A
MALE BSPP - MALE ORFS (O-RING FACE SEAL)											
SZ90-P08M-S08M	3,77"	1,53"	1,67"	95,70	38,90	42,42	G 1/2	13/16" - 16 UNF	0.75"	1.31"	SZ-08-002SK-A
SZ90-P12M-S12M	4,93"	1,97"	2,93"	125,20	50,00	74,30	G 3/4	1 3/16" - 12 UN	0.94"	1.63"	SZ-12-001SK-A
SZ90-P16M-S16M	5,73"	2,22"	3,17"	145,54	56,39	80,52	G 1	1 7/16" - 12 UN	1.19"	1.88"	SZ-16-001SK-A
SZ90-P20M-S20M	6,51"	2,88"	3,77"	165,40	73,20	95,80	G 1 1/4	1 11/16" - 12 UN	1.50"	2.38"	SZ-20-001SK-A



8. DUAL SWIVEL MANIFOLD “A” SERIES

The Dual Swivel Manifold houses two Screw-in Cartridge Swivels. Designed to be bolted or welded together, they are used in multiple applications, 90° or 45° fittings can be installed on both the swivel and static sides of the manifold.

WHY CHOOSE TAIMI DUAL SWIVEL MANIFOLDS?

- **Pressure Spikes Protection™**
- **Easy and quick to repack**
- **Triple Seal Protection™**
- **Short and sturdy swivel port**
- **Sturdier than bulkhead assemblies**
- **Patented ball-less design**
- **Cannot be pulled apart**
- **High side loads and wear resistance**
- **Custom solutions available**



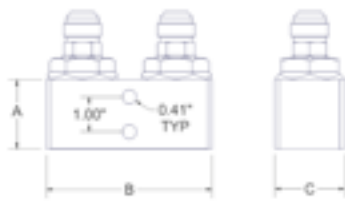
ENDLESS POSSIBILITIES



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

HOW TO ORDER

SM2A	J	12	501
DUAL SWIVEL MANIFOLD DESIGNATOR	HOSE CONNECTION TYPE J = JIC (37°) FLARE P = BSPP S = ORFS (O-RING FACE SEAL) F = NPT M = METRIC	SHANK SIZE	ASSEMBLY NUMBER



	IMPERIAL				METRIC						
PART NU	A (INCH)	B (INCH)	C (INCH)	D (INCH)	A (MM)	B (MM)	C (MM)	D (MM)	P1-THREAD IN	P2 - THREAD OUT	SEAL KIT
DUAL / MALE JIC (37° FLARE) - MALE JIC (37° FLARE)											
SM2A-J06-503	1,50"	3,50"	1,50"	2,71"	38	89	38	69	9/16" - 18 UNF MALE JIC	9/16" - 18 UNF FEMALE JIC	SZ-06-001SK-A
SM2A-J08-501	1,63"	3,75"	1,63"	3,13"	41	95	41	80	3/4" - 16 UNF MALE JIC	3/4" - 16 UNF FEMALE JIC	SZ-08-001SK-A
SM2A-J10-501	1,88"	4,50"	1,88"	3,52"	48	114	48	89	7/8" - 14 UNF MALE JIC	7/8" - 14 UNF FEMALE JIC	SZ-10-001SK-A
SM2A-J12-501	2,00"	4,75"	2,00"	3,94"	51	121	51	100	1 1/16" - 12 UN MALE JIC	1 1/16" - 12 UN FEMALE JIC	SZ-12-001SK-A
SM2A-J16-501	2,25"	5,00"	2,25"	4,57"	57	127	57	116	1 5/16" - 12 UN MALE JIC	1 5/16" - 12 UN FEMALE JIC	SZ-16-001SK-A
SM2A-J1612-501	2,25"	4,75"	2,25"	4,56"	57	121	57	116	1 5/16" - 12 UN MALE JIC	1 5/16" - 12 UN MALE JIC	SZ-16-001SK-A SZ-12-001SK-A
SM2A-J20-501	2,75"	6,12"	2,75"	5,30"	70	155	70	135	1 5/8" - 12 UN MALE JIC	1 5/8" - 12 UN MALE JIC	SZ-20-001SK-A
DUAL / MALE JIC (37° FLARE) - MALE ORFS (O-RING FACE SEAL / FLAT FACE O-RING)											
SM2A-J20S16-501	2,75"	6,12"	2,75"	5,30"	70	155	70	135	1 5/8" - 12 UN MALE JIC 1	1 5/8" - 12 UN FEMALE JIC	SZ-20-001SK-A
									7/16» - 12 UN MALE ORFS	1 7/16» - 12 UN FEMALE ORFS	SZ-16-002SK-A
DUAL / MALE PIPE (NPT) - MALE PIPE (NPT)											
SM2A-F08-501	1,63"	3,69"	1,63"	4,10"	41	94	41	104	1/2" NPT - MALE	1/2" NPT - FEMALE	SZ-08-002SK-A
SM2A-F12-501	2,00"	4,50"	2,00"	5,14"	51	114	51	131	3/4" NPT - MALE	3/4" NPT - FEMALE	SZ-12-001SK-A
SM2A-F16-501	2,25"	5,00"	2,25"	5,59"	57	127	57	142	1" NPT - MALE	1" NPT - FEMALE	SZ-16-001SK-A
DUAL / MALE BSPP - MALE BSPP											
SM2A-P12-501	2,00"	4,75"	2,00"	3,80"	51	121	51	97	G 3/4" - BSPP MALE	G 3/4" - BSPP FEMALE	SZ-12-001SK-A
SM2A-P16-501	2,25"	5,00"	2,25"	4,47"	57	127	57	114	G 1" - BSPP MALE	G 1" - BSPP FEMALE	SZ-16-001SK-A



9.TAIMI RINGS

Taimi Rings offer a simple, lightweight, and durable solution to support and guide hoses while fully relieving torsion during operation. They are the perfect complement to our swivel solutions for reliable hose routing. Expertly engineered to unlock the untapped potential of your machines—whether through custom designs or out-of-the-box applications.

WHY CHOOSE TAIMI RINGS ?

- **Higher performances**
- **Cost savings on hoses and oil**
- **Better hose grouping, each hose rotates inside the support**
- **Increased operating time**
- **Less maintenance**
- **Reduced oil consumption**
- **Easy to set up and to access hoses**
- **Eliminates the needs for bulkheads fittings and rigid sections**
- **Reduced pressure drop in the system**
- **Sustainable**
- **Universally compatible**

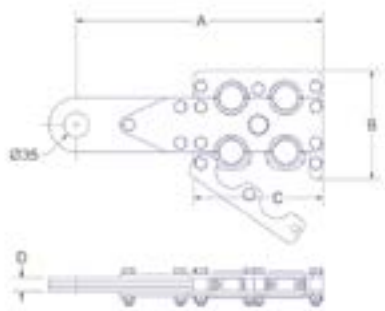


HIGHER PERFORMANCE



HOW TO ORDER

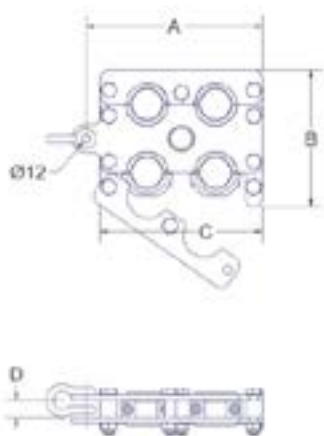
SHH	16	524P
TAIMI RINGS DESIGNATOR	HOSE SIZES	ASSEMBLY DEISGNATOR



FORESTRY KITS

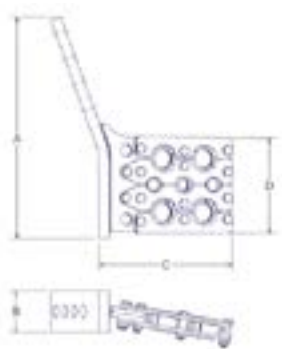
PART NU.	A	B	C	D	HOSES SIZE
SHH-16-524P	345,5	152,4	180,3	19,1	4x 16, 1x 04
SHH-16-524K	345,5	152,4	180,3	19,1	4x 16, 1x 04

*Unit in mm



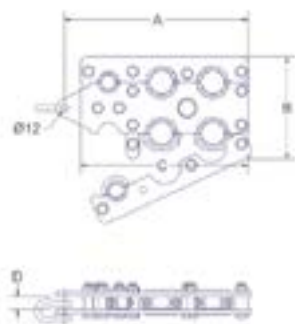
PART NU.	A	B	C	D	HOSES SIZE
SHH-16-524SPC	196,2	152,4	180,3	19,1	4x 16, 1x 04
SHH-1608-526W	345,5	152,4	248,0	44,5	4x 16, 2x 08, 1x 04

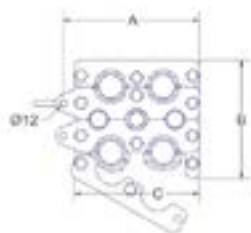
*Unit in mm



PART NU.	A	B	C	D	HOSES SIZE
SHH-1608-526SPC	271,7	152,4	248,0	19,1	4x 16, 2x 08, 1x 04
SHH-1684-527L	407,0	172,5	244,8	76,2	2x 16, 2x 1612, 1x 08, 2x 04

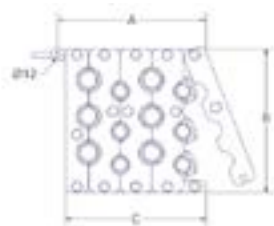
*Unit in mm





PART NU.	A	B	C	D	HOSES SIZE
SHH-1684-527LPC	196,2	172,5	180,3	76,2	2x 16, 2x 1612, 1x 08, 2x 04

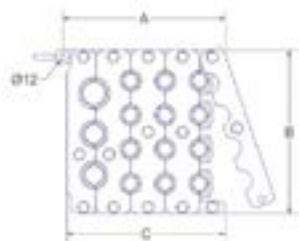
*Unit in mm



UNDERGROUND MINING JUMBOS & BOLTERS KITS

PART NU.	A	B	C	D	HOSES SIZE
SHH-1208-566S	246,2	238,1	233,3	19,1	6x 12, 6x 08
SHH-161208-515S	246,2	247,6	239,7	19,1	1x 16, 2x 12, 12x 08

*Unit in mm





10. STRAP-WRAP

Strap-Wrap™ was developed and patented by Taimi to group and support hoses. Made out of flexible webbing, Strap-Wrap™ works well on long hose groups, taking the load off press fittings and on short hose groups, keeping plastic wrap from sliding down.

WHY CHOOSE TAIMI STRAP-WRAP?

- Groups and protects hoses against stretching and tearing
- Can be solidly attached to both ends and will not shift during operation
- The double Strap-Wrap allows for the hose groups to be secured on several points along the line for the best possible routing
- Resistant material, no sensitivity to temperature variations
- Excellent visibility
- Can group as many hoses as needed
- Flexible and easy to install



SUSTAINABLE SOLUTIONS

Strap-Wrap
patented



HOW TO ORDER

SW2	25	001
STRAP-WRAP - DESIGNATOR SW1 = SINGLE STRAP SW2 = DOUBLE STRAP	WIDTH (1/10 INCH) AVAILABLE IN 2.5 INCH WIDTH or 50.8 mm	

Taimi's Strap-Wrap™ product is the combination of the single and the double straps. The double strap is used as the main support strap, while the single strap is woven into the double strap and around the hose group. It is easy to manipulate at any temperature. It is light and takes little space for shipping and storage. It gives great accessibility to the hoses, thus reducing the time required to inspect and replace them.

Setting up

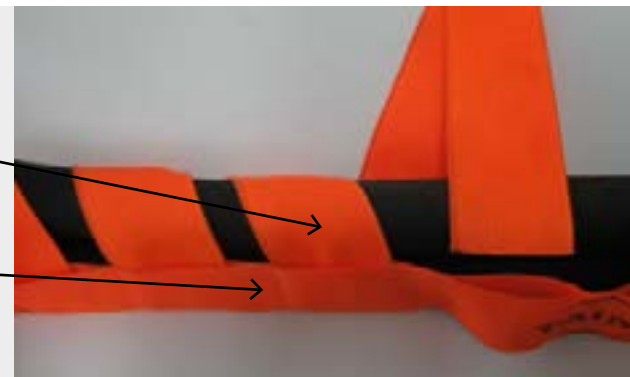
The Strap-Wrap system contains three (3) items. The double (main support) strap, the attachment buckle, and the single strap that wraps around the hose group.

- 1- Measure the interior length of the hose group's curve to find the required length of double strap.**
- 2- Cut the double strap to the desire length and fasten attachment buckles to an end.**

You can melt the ends (just like with a nylon rope) to prevent the strap from unweaving. The distance between the buckles and the attachment points can vary depending on the application. You can secure the buckles on the equipment, using a piece of chain.

SINGLE STRAP

DOUBLE STRAP



Note : Taimi supplies buckles to fit most types of equipment, usually using a piece of chain.

You can also use different ways to secure your set up.

- 3-Weave the single strap around the hose group and into the double strap. Near the buckle, double the single strap in the last loop before securing the single strap to the buckle. Once it is attached to one end, tighten your way back to the other end before fastening it, making a nice tight bundle.**

DO NOT FORGET

Once in place you do not have to remove it to access hoses; just release the ends and the first loop if needed to make the whole thing loose. This way, you can pull out a hose and replace it.

Taimi's DOUBLE Strap-Wrap™ will also effectively keep plastic wraps from sliding down a hose group. Simply weave your spiral wrap into a short length of Taimi's Strap-Wrap™ and secure it to your machine.



11.SUPPORT & TECHNICAL

12. HOW TO FIND SEAL KIT

Start by identifying which type of swivel you have, then go to the corresponding product section in this catalog. Each section includes a dimension table listing all part numbers.

Simply find your swivel's part number, and look at the last column – you'll see the seal kit code that matches your product.

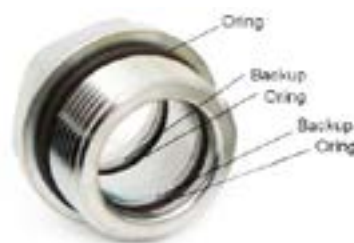
CARTRIDGE SWIVEL ASSEMBLY TORQUE

SIZES	FT-LBS	NM
06	125	170 Nm
08	215	290 Nm
10	300	405 Nm
12	390	530 Nm
16	490	665 Nm
20	800	1080 Nm
24	900	1215 Nm
32	1000	1350 Nm

- Dry torque - Lubricate external o-ring

13. SEAL KIT REPLACEMENT

1. **Read the safety precautions in section 1 of the product catalog before going any further!**
2. **Relieve pressure before dismantling hydraulic lines**
3. **Clean work space**
4. **Remove nut**
Pneumatic torque tool and vise recommended
5. **Remove seal kit** - Remove debris & clean grooves
6. **Install new seal kit**
7. **Assemble cartridge**
8. **Tighten**



Respect recommended torque

- Over-tightening may result in swivel failure
- Under-tightening may result in swivel dismantling



Swivel failure during operation can cause fluid to escape. Escaping fluid under pressure can penetrate skin causing serious injury or death. Always wear safety equipment before approaching hydraulic equipment under pressure

14. TORQUE CHART & BORING DIMENSIONS

CARTRIDGES BORING DIMENSIONS CHART METRIC DIMENSIONS

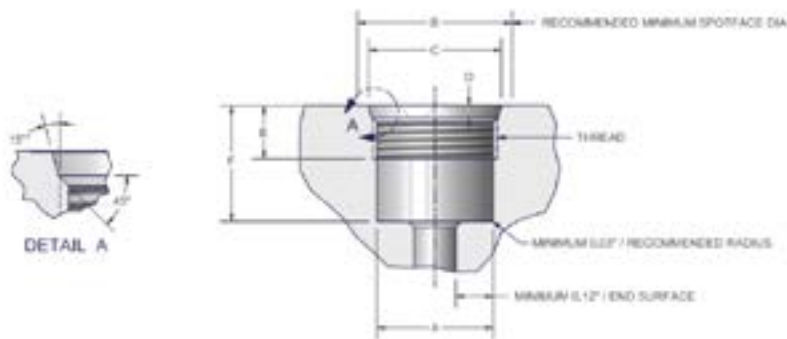
SIZES & CONFIGURATION	A	B	C	D	E	F	THREAD
J06	23.368-23.495	32.5	27.254-27.381	2.540-2.667	11.18-11.94	20.32-20.57	M25 x 1.5" – 6H
P06, S06, M18, F06	26.543-26.670	35.0	30.048-30.175	2.540-2.667	11.18-11.94	20.32-20.57	1 1/8" - 12 UN - 2B
J08	29.718-29.845	38.9	33.274-33.401	2.540-2.667	14.99-15.75	25.40-25.65	1 1/4" - 12 UN - 2B
P08, S08, M20, F08	31.369-31.496	39.7	34.874-35.001	2.540-2.667	14.99-15.75	25.40-25.65	1 5/16" - 12 UN - 2B
J10, P10, F10	34.417-34.544	45.2	38.608-38.735	2.540-2.667	14.99-15.75	25.40-25.65	1 7/16" - 12 UN - 2B
S10, M24	37.718-37.846	49.3	41.783-41.910	3.175-3.302	14.99-15.75	25.40-25.65	1 9/16" – 12 UN – 2B
J12, P12, F12	39.243-39.370	51.6	42.926-43.053	3.175-3.302	18.29-19.05	31.37-31.62	1 5/8" - 12 UN - 2B
S12, M30	42.418-42.545	54.1	47.117-47.244	3.175-3.302	18.29-19.05	31.37-31.62	1 3/4" - 12 UN - 2B
J16, P16, F16	45.593-45.720	57.2	49.276-49.403	3.175-3.302	18.29-19.05	32.64-32.90	1 7/8" - 12 UN - 2B
S16, M36	48.641-48.768	60.5	53.518-53.645	3.175-3.302	18.29-15.75	32.64-32.90	2.00" - 12 UN - 2B
J20, P20, S20, M42, F20	58.293-58.420	70.6	61.722-61.849	3.175-3.302	21.34-22.10	36.58-36.83	2 3/8" - 12 UN - 2B
J24, F24	64.643-64.770	77.0	68.326-68.453	3.175-3.302	21.84-22.61	38.86-39.12	2 5/8" - 12 UN - 2B
S24	67.564-67.691	81.5	71.501-71.628	3.175-3.302	21.84-22.61	38.86-39.12	2 3/4" - 12 UN - 2B
J32, F32	83.693-83.820	100.0	87.884-88.011	3.175-3.302	25.40-26.16	45.47-45.72	3 3/8" - 12 UN - 2B

SHANK INTERCHANGE

SIZES	JIC	BSPP	NPT	ORFS
06		✓	✓	✓
08		✓	✓	✓
10	✓	✓	na	✓
12	✓	✓	✓	✓
16	✓	✓	✓	✓
20	✓	✓	✓	✓
24	✓	na	✓	na
32	✓	na	✓	na

CARTRIDGE SWIVEL ASSEMBLY TORQUE

SIZES	FT-LBS	NM
06	125	170 Nm
08	215	290 Nm
10	300	405 Nm
12	390	530 Nm
16	490	665 Nm
20	800	1080 Nm
24	900	1215 Nm
32	1000	1350 Nm



CARTRIDGES BORING DIMENSIONS CHART

DIMENSIONS IN INCHES

SIZES & CONFIGURATION	A	B	C	D	E	F	THREAD
J06	0.920"-0.925"	1.28"	1.073"-1.078"	0.100"-0.105"	0.44"-0.47"	0.800"-0.810"	M25 x 1.5" – 6H
P06, S06, M18, F06	1.045"-1.050"	1.38"	1.183"-1.188"	0.100"-0.105"	0.44"-0.47"	0.800"-0.810"	1.12" – 12 UN – 2B
J08	1.170"-1.175"	1.53"	1.310"-1.315"	0.100"-0.105"	0.59"-0.62"	0.59"-0.62"	1.25" – 12 UN – 2B
P08, S08, M20, F08	1.235"-1.240"	1.56"	1.373"-1.378"	0.100"-0.105"	0.59"-0.62"	1.000"-1.010"	1.31" – 12 UN – 2B
J10, P10, F10	1.355"-1.360"	1.78"	1.520"-1.525"	0.100"-0.105"	0.59"-0.62"	1.000"-1.010"	1.44" – 12 UN – 2B
S10, M24	1.485"-1.490"	1.94"	1.645"-1.650"	0.125"-0.130"	0.59"-0.62"	1.000"-1.010"	1.56" – 12 UN – 2B
J12, P12, F12	1.545"-1.550"	2.03"	1.690"-1.695"	0.125"-0.130"	0.72"-0.75"	1.235"-1.245"	1.63" – 12 UN – 2B
S12, M30	1.670"-1.675"	2.13"	1.855"-1.860"	0.125"-0.130"	0.72"-0.75"	1.235"-1.245"	1.75" – 12 UN – 2B
J16, P16, F16	1.795"-1.800"	2.25"	1.940"-1.945"	0.125"-0.130"	0.72"-0.75"	1.285"-1.295"	1.88" – 12 UN – 2B
S16, M36	1.915"-1.920"	2.38"	2.107"-2.112"	0.125"-0.130"	0.72"-0.75"	1.285"-1.295"	2.00" – 12 UN – 2B
J20, P20, S20, M42, F20	2.295"-2.300"	2.78"	2.430"-2.435"	0.125"-0.130"	0.84"-0.87"	1.440"-1.450"	2.38" – 12 UN – 2B
J24, F24	2.545"-2.550"	3.03"	2.690"-2.695"	0.125"-0.130"	0.86"-0.89"	1.530"-1.540"	2.63" – 12 UN – 2B
S24	2.660"-2.665"	3.21"	2.815"-2.820"	0.125"-0.130"	0.86"-0.89"	1.530"-1.540"	2.75" – 12 UN – 2B
J32, F32	3.295"-3.300"	3.94"	3.460"-3.465"	0.125"-0.130"	1.00"-1.03"	1.790"-1.800"	3.38" – 12 UN – 2B



15. SAFETY

The user, through its own analysis and testing, is solely responsible for determining the suitability of Taimi products for his own usage. The user must also assure compatibility of the swivel's seals with the fluid used. Never modify or weld on a Taimi product. Taimi products should never be used as structural or load bearing components. Always design all systems and equipment in a fail-safe mode, so that failure will not endanger persons or property.

MAXIMUM WORKING PRESSURE

SIZES	PSI	Bar
06 - 08 - 10 - 12 - 16	6250	430
20	5600	386
24	4500	310
32	3000	205

When assembling or doing maintenance on hydraulic systems and hose assemblies, it is of uttermost importance to be properly trained, use appropriate tools, components and equipment, follow specifications and think safety. Failure to follow safety precautions or improper product use can cause death, personal injury and property damage. Always relieve pressure before dismantling hydraulic lines.

Pressure capabilities of Taimi products must be respected. Temperatures below and above the recommended limit can affect seals to a point where a failure may occur and pressurized fluid be released.

Seals deteriorate over time and should be replaced at specific intervals, based on previous service life, fluid used and industry recommendations, or when failures could result in unacceptable downtime, damage, or injury risk. Only use Taimi original seals. It is important to assemble Taimi cartridges according to the torque charts. If Taimi cartridges are overtorqued, a housing failure may happen over time causing serious injuries or death. An undertorqued cartridge may dismantle causing serious injuries or death. Visually inspect your Taimi products for evidence of leakage, wear, or damage. Replace damaged products immediately.



WARNING : This product can expose you to chemicals including cobalt, which is known to the State of California to cause cancer. For more information, go to www.P65warnings.ca.gov

16. WARRANTY & LEGAL

Every swivel product we carefully manufacture is reliable and leak resistant like no other you have ever used. Sure, there are important fine prints to our warranty which we invite you to read. But despite all the legal stuff below, please contact us if you experience an issue that you did not expect, at any moment.

Taimi products used under our specifications are guaranteed against defects in materials and workmanship for a period of 12 months or 2000 hours of use. Taimi's obligation under this warranty is limited to the repair or exchange of the defective product, at Taimi's option. This is the sole remedy for breach of warranty. Taimi will in no event be liable to anyone for lost profit, special, indirect, incidental, consequential or exemplary damages, whether based upon negligence, breach of warranty, strict liability or otherwise, nor for any sum in excess of the price received for the products for which liability is claimed.



This warranty is void if the defect is caused by improper installation, use or maintenance of the products. Products that have been modified are not covered under this warranty. Normal wear and tear, maintenance, seal kits and freight are not covered by this warranty. Any description of the products is for the sole purpose of identifying such products and shall not create an express warranty that the goods shall conform to such description. Buyer is solely responsible for determining the suitability of products sold hereunder for use by buyer. Taimi products should not be used as structural or load bearing components.

Some states do not allow the exclusion or limitation of incidental or consequential damages, and some states do not allow limitations on how long an implied warranty lasts, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

All other warranties, express or implied, including, but not limited to warranties of merchantability and fitness for a particular purpose, are expressly disclaimed.

