



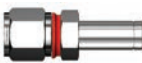
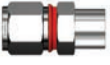
SUPERLOK®

***i*-Fitting**



www.superlok.com

INDEX

 SUI Union 82P	 SFEI Female Elbow 93P	 SRI Reducer 103P
 SRUI Reducing Union 83P	 SUTI Union Tee 94P	 SOSCI O-Seal Straight Thread Connector 104P
 SMCI Male Connector 84P	 SRUTI Reducing Union Tee 95P	 SOPCI O-Seal Pipe Thread Connector 104P
 SFCI Female Connector 85P	 SMBTI Male Branch Tee 96P	 SSMCI SAE/MS Male Connector 105P
 SGCI Gauge Connector 86P	 SPMBTI Positionable Male Branch Tee 97P	 SPWCI Male Pipe Weld Connector 106P
 SUEI Union Elbow 87P	 SMRTI Male Run Tee 98P	 SMPWEI Male Pipe Weld 106P
 SHMEI 45° Male Elbow 88P	 SFBTI Female Branch Tee 99P	 SSWCI Tube Socket Weld Connector 107P
 SMEI Male Elbow 89P	 SFRTI Female Run Tee 100P	 SSWEI Tube Socket Weld Elbow 107P
 SPHMEI 45° Positionable Male Elbow 90P	 SUCI Union Cross 101P	
 SPMEI Positionable Male Elbow 91P	 SAUI An Union 102P	

“i-Fitting with Anti-Corrosive Ferrule”



Please look at below tube fittings installation photos which are necessary part of instrumentation tubing line in Oil & Gas, Off-shore, Chemical, Power, Shipbuilding, semi-conduct & NGV industry.



Q1 Which one requires less tightened?



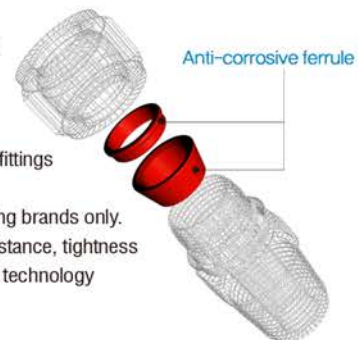
Q2 Which one is completely installed from pre-assembly?



It is strongly believe that ferrules are considered as the important part of tube fitting which makes the original function by its mechanism.

Tube fittings are widely using in Oil & Gas, Off-shore, Chemical, Power, Shipbuilding, semi conduct & NGV industry to make connection of hydraulic & pneumatic tubing line and with the advanced industrial development accompany with harsh environmental application, tube fittings are required to have adequate technology to prevent possible leakage or loss.

In line with this circumstance, most of major companies prefer to select some of leading tube fitting brands only. The new designed ferrule which developed by BMT Co.,Ltd, has superior quality of corrosion resistance, tightness and low torque compare to other well-known manufacturer in the world. Particularly with I-fittings technology which guide tube fitter correct installation signal, promise we provide the best product.



Installation Process

Remove any possible failure of tube fitting installation by non-skilled worker or improper installation in advance.



As it can be seem on the above photos, normal tube fittings cannot detect improper installation but I-fitting provides workers self-detecting function during or after installation. Improper or wrong installation of tube fitting cause huge damage not only physical but also commercial wise,

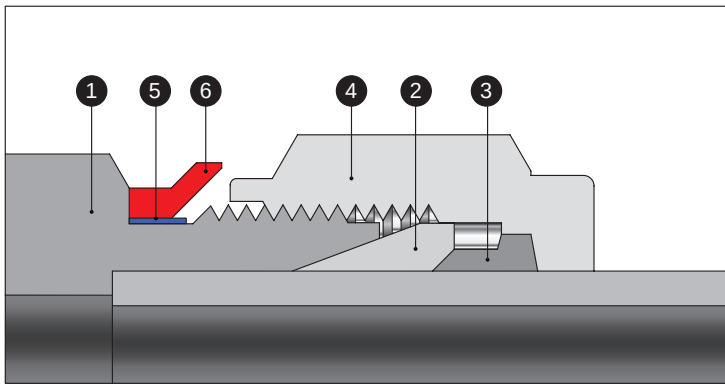
» this is the reason to use i-fitting «

Perfect Installation Tube Fitting

Featured I-Fittings

- Reduce the installation time extremely.
- Assure the perfect installation.
- No required inspection gauge.
- Make cost-down greatly by the innovated productivity.
- Easy installation available even by non-skilled worker.

- 설치시간이 획기적으로 단축됩니다.
- 완벽한 설치시공을 보장합니다.
- 검사게이지가 필요하지 않습니다.
- 생산성 향상으로 경비를 획기적으로 절감할 수 있습니다.
- 비숙련공도 쉽게 시공이 가능합니다.



Structure

- ❶ BODY
- ❷ FRONT FERRULE
- ❸ BACK FERRULE
- ❹ NUT
- ❺ IDENTIFICATION RING
- ❻ CHECK RING



- I-Fittings is composed of Body, Front & Back Ferrules, Nut, Identification Ring and Check Ring
- I-Fittings has the structure to check the completion of installation separating Check Ring from the body

- 아이피팅은 바디, 프론트&백 패럴, 너트, Inspection Ring, Check Ring 으로 구성되어 있습니다.
- 아이피팅은 체크링이 바디에서 완전히 분리됨으로써 시공이 완료되었음을 확인하는 구조입니다.

How the SUPERLOK I-Fitting Works

- Able to see to separate the Check Ring from the products with eyes.
- Able to hear to separate the Check Ring from the products with ears.
- Able to touch to separate the Check Ring from the products with hands.
- Check Ring이 분리되었음을 눈으로 확인.
- Check Ring이 분리되었음을 소리로 확인.
- Check Ring이 분리되었음을 만져서 확인.

Installation Procedure



1

Prepare the required Integration Fitting composed of Body, Nut, Front & Back Ferrule, Check Ring and Identification Ring properly.

바디, 너트, 프런트 & 백 패럴, Check ring 과 Identification Ring 으로 구성되어 있는 인터그레이션피팅을 준비합니다.



2

Insert tube into the Fittings fully and then finger-tighten the nut.

튜브를 피팅안으로 완전히 삽입 후 손으로 너트를 돌려 Finger-Tight 상태를 유지한다.



3

Completion of installation is shown to rotate the Nut until Inspection Ring is taking off.

너트를 체결검사링이 몸체에서 분리될때까지 회전시키면 설치가 완료

Ordering information

Example : **SMCI** - **8** - **8N** - **SS**

1 2 3

1. Type of fitting

To order, use "I" as a suffix to the desired Type of fitting ordering designation.

ex) **SMC** → **SMCI**
SUPERLOK Tube Fitting Male Connector Integration Fitting Male Connector

2. Size of Fitting

Tube O.D (inch)	1/4	3/8	1/2	3/4	1
Designation	4	6	8	12	16
Tube O.D (mm)	6	10	12	20	25
Designation	6M	10M	12M	20M	25M

3. Material

A - Aluminum B - Brass
 C - Carbon Steel SS - Stainless Steel
 M - Monel Alloy 400
 INC - Inconel Alloy 600

Standard Size

The basic size of the superlok integration fittings are 1/4, 3/8, 1/2, 3/4, 1 inch, and the rest of the size can also be custom made to suit customer's requirements.

슈퍼락 인터그레이션 피팅은 1/4, 3/8, 1/2, 3/4, 1inch가 기본사이즈이며, 기타 사이즈는 고객의 요청에 의해 주문제작이 가능합니다.

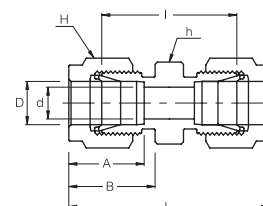
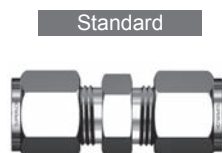
Check Ring & Identification Ring Color

-	Check Ring	Identification Ring
Inch Size	Red	Blue
Metric Size	Orange	Green



"Perfect installation is guaranteed by I-Fitting"

SUI Union



Connects Fractional Tubes

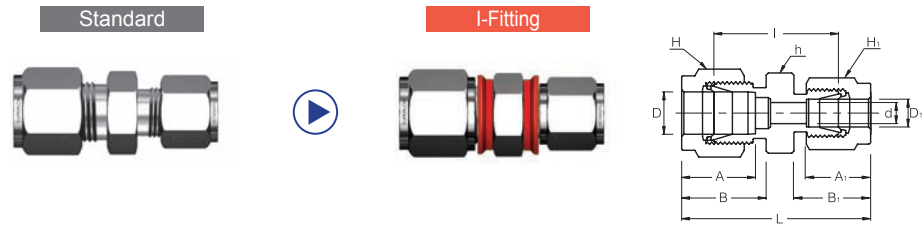
Part No.	Tube O.D. D (inch)	d Min	Width Across Flat		A	B	I	L
			h (inch)	H (inch)				
SUI - 4	1/4	4.82	1/2	9/16	15.24	17.78	26.16	40.89
SUI - 6	3/8	7.11	5/8	11/16	16.76	19.30	30.22	44.95
SUI - 8	1/2	10.41	13/16	7/8	22.86	21.84	30.98	51.30
SUI - 12	3/4	15.74	1-1/16	1-1/8	24.38	21.84	33.27	53.59
SUI - 16	1	22.35	1-3/8	1-1/2	31.24	26.41	40.38	64.77

Connects Metric Tubes

Part No.	Tube O.D. D	d Min	Width Across Flat		A	B	I	L
			h	H				
SUI - 6M	6	4.8	14	14	15.3	17.7	26.2	41.0
SUI - 8M	8	6.4	15	16	16.2	18.6	28.2	43.2
SUI - 10M	10	7.9	18	19	17.2	19.5	31.0	46.2
SUI - 12M	12	9.5	22	22	22.8	22.0	31.0	51.2
SUI - 16M	16	12.7	24	25	24.4	22.0	31.8	52.0
SUI - 18M	18	15.1	27	30	24.4	22.0	33.3	53.5
SUI - 20M	20	15.9	30	32	26.0	22.0	34.8	55.0
SUI - 25M	25	21.8	35	38	31.3	26.5	40.4	65.0

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

SRUI Reducing Union



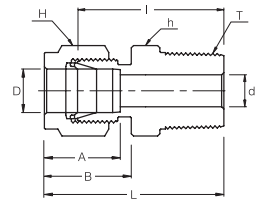
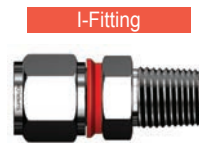
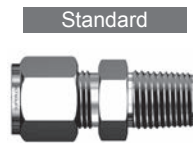
Connects Fractional Tubes

Part No.	Tube O.D.		d Min	Width Across Flat			A	A ₁	B	B ₁	I	L
	D (inch)	D ₁ (inch)		h (inch)	H (inch)	H ₁ (inch)						
SRUI - 6 - 4	3/8	1/4	4.82	5/8	11/16	9/16	16.76	15.24	19.30	17.78	28.44	43.18
SRUI - 8 - 4	1/2	1/4	4.82	13/16	7/8	9/16	22.86	15.24	21.84	17.78	29.46	46.99
SRUI - 8 - 6	1/2	3/8	7.11	13/16	7/8	11/16	22.86	16.76	21.84	19.30	30.98	48.51
SRUI - 12 - 4	3/4	1/4	4.82	1-1/16	1-1/8	9/16	24.38	15.24	21.84	17.78	31.75	49.27
SRUI - 12 - 6	3/4	3/8	7.11	1-1/16	1-1/8	11/16	24.38	16.76	21.84	19.30	33.27	50.80
SRUI - 12 - 8	3/4	1/2	10.41	1-1/16	1-1/8	7/8	24.38	22.86	21.84	21.84	33.27	53.59
SRUI - 16 - 8	1	1/2	10.41	1-3/8	1-1/2	7/8	31.24	22.86	26.41	21.84	39.50	63.24
SRUI - 16 - 12	1	3/4	15.74	1-3/8	1-1/2	1-1/8	31.24	24.38	26.41	21.84	39.00	62.73

Connects Metric Tubes

Part No.	Tube O.D.		d Min	Width Across Flat			A	A ₁	B	B ₁	I	L
	D	D ₁		h	H	H ₁						
SRUI - 8M - 6M	8	6	4.8	15	16	14	16.2	15.3	18.6	17.7	27.4	42.3
SRUI - 10M - 6M	10	6	4.8	18	19	14	17.2	15.3	19.5	17.7	29.5	44.5
SRUI - 10M - 8M	10	8	6.4	18	19	16	17.2	16.2	19.5	18.6	30.0	45.1
SRUI - 12M - 6M	12	6	4.8	22	22	14	22.8	15.3	22.0	17.7	29.5	47.0
SRUI - 12M - 8M	12	8	6.4	22	22	16	22.8	16.2	22.0	18.6	30.2	47.8
SRUI - 12M - 10M	12	10	7.9	22	22	19	22.8	17.2	22.0	19.5	31.0	48.7
SRUI - 16M - 12M	16	12	9.5	24	25	22	24.4	22.8	22.0	22.0	31.8	52.0
SRUI - 25M - 18M	25	18	15.1	35	38	30	31.3	24.4	26.5	22.0	38.6	61.0
SRUI - 25M - 20M	25	20	15.9	35	38	32	31.3	26.0	26.5	22.0	39.9	62.3

SMCI Male Connector



Connects Fractional Tube To Female NPT Thread

Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L
				h (inch)	H (inch)				
SMCI - 4 - 6N	1/4	3/8	4.82	11/16	9/16	15.24	17.78	30.98	38.35
SMCI - 4 - 8N	1/4	1/2	4.82	7/8	9/16	15.24	17.78	37.33	44.70
SMCI - 6 - 4N	3/8	1/4	7.11	5/8	11/16	16.76	19.30	32.51	39.87
SMCI - 6 - 6N	3/8	3/8	7.11	11/16	11/16	16.76	19.30	32.51	39.87
SMCI - 6 - 8N	3/8	1/2	7.11	7/8	11/16	16.76	19.30	38.86	46.22
SMCI - 8 - 4N	1/2	1/4	7.11	13/16	7/8	22.86	21.84	33.27	43.43
SMCI - 8 - 6N	1/2	3/8	9.65	13/16	7/8	22.86	21.84	33.27	43.43
SMCI - 8 - 8N	1/2	1/2	10.41	7/8	7/8	22.86	21.84	38.86	49.02
SMCI - 8 - 12N	1/2	3/4	10.41	1-1/16	7/8	22.86	21.84	40.38	50.54
SMCI - 12 - 12N	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	40.38	50.54
SMCI - 16 - 16N	1	1	22.35	1-3/8	1-1/2	31.24	26.41	50.03	62.23

Connects Metric Tube To Female ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L
				h	H				
SMCI - 6M - 2R	6	1/8	4.8	14	14	15.3	17.7	25.4	32.8
SMCI - 6M - 4R	6	1/4	4.8	14	14	15.3	17.7	30.5	37.9
SMCI - 6M - 6R	6	3/8	4.8	18	14	15.3	17.7	31.0	38.4
SMCI - 8M - 4R	8	1/4	6.4	15	16	16.2	18.6	31.2	38.7
SMCI - 8M - 6R	8	3/8	6.4	18	16	16.2	18.6	31.8	39.3
SMCI - 8M - 8R	8	1/2	6.4	22	16	16.2	18.6	38.1	45.6
SMCI - 10M - 6R	10	3/8	7.9	18	19	17.2	19.5	33.3	40.9
SMCI - 10M - 8R	10	1/2	7.9	22	19	17.2	19.5	38.9	46.5
SMCI - 12M - 8R	12	1/2	9.5	22	22	22.8	22.0	38.9	49.0
SMCI - 12M - 12R	12	3/4	9.5	27	22	22.8	22.0	40.4	50.5
SMCI - 16M - 8R	16	1/2	11.9	24	25	24.4	22.0	38.9	49.0
SMCI - 16M - 12R	16	3/4	12.7	27	25	24.4	22.0	40.4	50.5
SMCI - 18M - 8R	18	1/2	11.9	27	30	24.4	22.0	40.4	50.5
SMCI - 18M - 12R	18	3/4	15.1	27	30	24.4	22.0	40.4	50.5
SMCI - 20M - 8R	20	1/2	11.9	30	32	26.0	22.0	42.2	52.3
SMCI - 20M - 12R	20	3/4	15.9	30	32	26.0	22.0	42.2	52.3
SMCI - 25M - 12R	25	3/4	15.9	35	38	31.3	26.5	45.2	57.5
SMCI - 25M - 16R	25	1	21.8	35	38	31.3	26.5	50.0	62.3

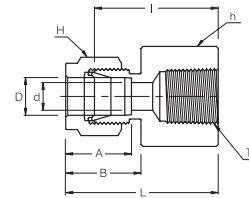
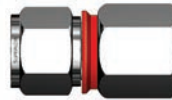
* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

SFCI Female Connector

Standard



I-Fitting



Connects Fractional Tubes To Male NPT Thread

Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L
				h (inch)	H (inch)				
SFCI - 4 - 2N	1/4	1/8	4.82	9/16	9/16	15.24	17.78	23.87	31.24
SFCI - 4 - 4N	1/4	1/4	4.82	3/4	9/16	15.24	17.78	28.44	35.81
SFCI - 4 - 6N	1/4	3/8	4.82	7/8	9/16	15.24	17.78	30.22	37.59
SFCI - 4 - 8N	1/4	1/2	4.82	1-1/16	9/16	15.24	17.78	35.05	42.41
SFCI - 6 - 2N	3/8	1/8	7.11	5/8	11/16	16.76	19.30	25.40	32.76
SFCI - 6 - 4N	3/8	1/4	7.11	3/4	11/16	16.76	19.30	30.22	37.59
SFCI - 6 - 6N	3/8	3/8	7.11	7/8	11/16	16.76	19.30	31.75	39.11
SFCI - 6 - 8N	3/8	1/2	7.11	1-1/16	11/16	16.76	19.30	36.57	43.94
SFCI - 6 - 12N	3/8	3/4	7.11	1-5/16	11/16	16.76	19.30	40.38	47.75
SFCI - 8 - 4N	1/2	1/4	10.41	13/16	7/8	22.86	21.84	30.22	40.38
SFCI - 8 - 6N	1/2	3/8	10.41	7/8	7/8	22.86	21.84	31.75	41.91
SFCI - 8 - 8N	1/2	1/2	10.41	1-1/16	7/8	22.86	21.84	36.57	46.73
SFCI - 8 - 12N	1/2	3/4	10.41	1-5/16	7/8	22.86	21.84	38.10	48.26
SFCI - 12 - 8N	3/4	1/2	15.74	1-1/16	1-1/8	24.38	21.84	36.57	46.73
SFCI - 12 - 12N	3/4	3/4	15.74	1-5/16	1-1/8	24.38	21.84	38.10	48.26
SFCI - 16 - 12N	1	3/4	22.35	1-3/8	1-1/2	31.24	26.41	41.14	53.34
SFCI - 16 - 16N	1	1	22.35	1-5/8	1-1/2	31.24	26.41	50.03	62.23

Connects Metric Tubes To Male ISO Thread Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L
				h	H				
SFCI - 6M - 2R	6	1/8	4.8	14	14	15.3	17.7	23.9	31.3
SFCI - 6M - 4R	6	1/4	4.8	19	14	15.3	17.7	28.4	35.8
SFCI - 6M - 6R	6	3/8	4.8	22	14	15.3	17.7	30.2	37.6
SFCI - 8M - 4R	8	1/4	6.4	19	16	16.2	18.6	29.5	37.0
SFCI - 8M - 6R	8	3/8	6.4	22	16	16.2	18.6	31.0	38.5
SFCI - 8M - 8R	8	1/2	6.4	27	16	16.2	18.6	35.8	43.3
SFCI - 10M - 6R	10	3/8	7.9	22	19	17.2	19.5	31.8	39.4
SFCI - 10M - 8R	10	1/2	7.9	27	19	17.2	19.5	36.6	44.2
SFCI - 12M - 8R	12	1/2	9.5	27	22	22.8	22.0	36.6	46.7
SFCI - 12M - 12R	12	3/4	9.5	35	22	22.8	22.0	38.9	49.0
SFCI - 16M - 8R	16	1/2	12.7	27	25	24.4	22.0	36.8	46.9
SFCI - 20M - 12R	20	3/4	15.9	35	32	26.0	22.0	39.6	49.7
SFCI - 25M - 12R	25	3/4	21.8	35	38	31.3	26.5	41.1	53.4
SFCI - 25M - 16R	25	1	21.8	41	38	31.3	26.5	50.0	62.3

• All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change
 • Any size not in the list is available upon request.

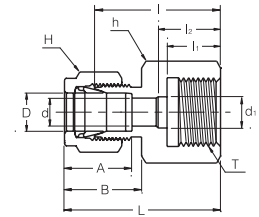
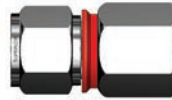
SGCI

Gauge Connector

Standard



I-Fitting



Connects Fractional Tubes To ISO Parallel Thread

Part No.	Tube O.D. D (inch)	T (PF)	d Min	d ₁	Width Across Flat		A	B	I	I ₁	I ₂	L
					h (inch)	H (inch)						
SGCI - 4 - 4G	1/4	1/4	4.82	5.58	3/4	9/16	15.24	17.78	30.22	13.00	17.00	37.59
SGCI - 4 - 6G	1/4	3/8	4.82	6.60	15/16	9/16	15.24	17.78	30.22	14.20	20.30	37.59
SGCI - 4 - 8G	1/4	1/2	4.82	6.60	1-1/16	9/16	15.24	17.78	36.07	18.80	24.90	43.43
SGCI - 6 - 4G	3/8	1/4	5.58	-	3/4	11/16	16.76	19.30	31.75	13.00	-	39.12
SGCI - 6 - 6G	3/8	3/8	6.60	-	15/16	11/16	16.76	19.30	31.24	14.20	-	38.61
SGCI - 6 - 8G	3/8	1/2	7.11	-	1-1/16	11/16	16.76	19.30	34.54	18.80	-	41.91
SGCI - 8 - 4G	1/2	1/4	5.58	-	7/8	7/8	22.86	21.84	31.80	13.00	-	41.95
SGCI - 8 - 6G	1/2	3/8	6.60	-	15/16	7/8	22.86	21.84	34.29	14.20	-	44.45
SGCI - 8 - 8G	1/2	1/2	7.11	7.11	1-1/16	7/8	22.86	21.84	38.10	18.80	-	48.26

Connects Metric Tubes To ISO Parallel Thread

Part No.	Tube O.D. D	T (PF)	d Min	d ₁	Width Across Flat		A	B	I	I ₁	I ₂	L
					h	H						
SGCI - 6M - 4G	6	1/4	4.8	5.5	19	14	15.3	17.7	30.2	13	17	37.6
SGCI - 6M - 6G	6	3/8	4.8	6.5	24	14	15.3	17.7	30.2	14	20	37.6
SGCI - 6M - 8G	6	1/2	4.8	7.0	27	14	15.3	17.7	36.1	19	25	43.5
SGCI - 8M - 4G	8	1/4	5.5	5.5	19	16	16.2	18.6	31.0	13	-	38.5
SGCI - 8M - 6G	8	3/8	6.5	6.5	24	16	16.2	18.6	28.7	14	-	36.2
SGCI - 8M - 8G	8	1/2	7.0	7.0	27	16	16.2	18.6	33.5	19	-	41.0
SGCI - 10M - 4G	10	1/4	5.5	5.5	19	19	17.2	19.5	31.8	13	-	39.4
SGCI - 10M - 6G	10	3/8	6.5	6.5	24	19	17.2	19.5	31.2	14	-	38.8
SGCI - 10M - 8G	10	1/2	7.0	7.0	27	19	17.2	19.5	34.5	19	-	42.1
SGCI - 12M - 4G	12	1/4	5.5	5.5	22	22	22.8	22.0	31.8	13	-	41.9
SGCI - 12M - 6G	12	3/8	6.5	6.5	24	22	22.8	22.0	34.3	14	-	44.4
SGCI - 12M - 8G	12	1/2	7.0	7.0	27	22	22.8	22.0	38.1	19	-	48.2
SGCI - 20M - 8G	20	1/2	7.0	7.0	30	32	26.0	22.0	44.2	19	-	54.3

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

SUEI

Union Elbow



Connects Fractional Tubes

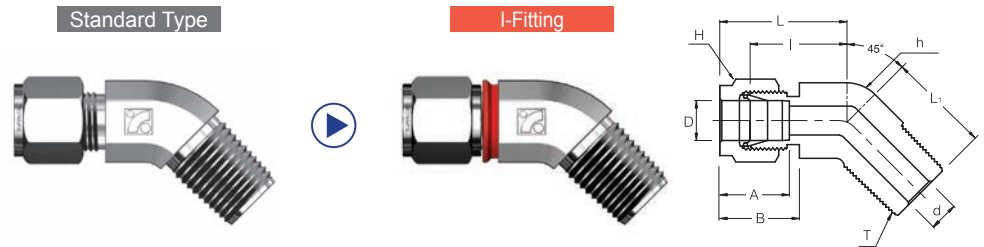
Part No.	Tube O.D. D (inch)	d Min	Width Across Flat		A	B	I	L
			h (inch)	H (inch)				
SUEI - 4	1/4	4.82	1/2	9/16	15.24	17.78	20.10	27.40
SUEI - 6	3/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48
SUEI - 8	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06
SUEI - 12	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87
SUEI - 16	1	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02

Connects Metric Tubes

Part No.	Tube O.D. D	d Min	Width Across Flat		A	B	I	L
			h	H				
SUEI - 6M	6	4.8	12.7	14	15.3	17.7	19.6	27.0
SUEI - 8M	8	6.4	15.9	16	16.2	18.6	22.4	29.9
SUEI - 10M	10	7.9	17.5	19	17.2	19.5	23.9	31.5
SUEI - 12M	12	9.5	20.6	22	22.8	22.0	25.9	36.0
SUEI - 16M	16	12.7	23.8	25	24.4	22.0	27.9	38.0
SUEI - 18M	18	15.1	27.0	30	24.4	22.0	29.7	39.8
SUEI - 20M	20	15.9	34.9	32	26.0	22.0	34.5	44.6
SUEI - 25M	25	21.8	34.9	38	31.3	26.5	36.8	49.1

SHMEI

45° Male Elbow



Connects Fractional Tubes To Female NPT Thread

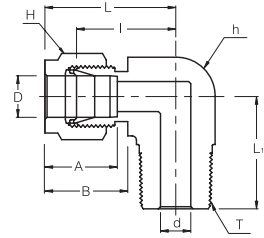
Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h (inch)	H (inch)					
SHMEI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	17.27	24.63	16.51
SHMEI - 4 - 4N	1/4	1/4	4.82	1/2	9/16	15.24	17.78	17.27	24.63	21.08
SHMEI - 6 - 2N	3/8	1/8	4.82	5/8	11/16	16.76	19.30	20.57	27.94	18.28
SHMEI - 6 - 4N	3/8	1/4	7.11	5/8	11/16	16.76	19.30	20.57	27.94	22.86
SHMEI - 6 - 6N	3/8	3/8	7.11	13/16	11/16	16.76	19.30	21.84	29.21	24.13
SHMEI - 8 - 6N	1/2	3/8	9.65	13/16	7/8	22.86	21.84	21.84	32.00	24.13
SHMEI - 8 - 8N	1/2	1/2	10.41	13/16	7/8	22.86	21.84	21.84	32.00	28.95

Connects Metric Tubes To Female ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h	H					
SHMEI - 6M - 2R	6	1/8	4.8	12.7	14	15.3	17.7	17.3	24.6	16.5
SHMEI - 6M - 4R	6	1/4	4.8	12.7	14	15.3	17.7	17.3	24.6	21.1
SHMEI - 12M - 6R	12	3/8	9.5	20.6	22	22.8	21.8	21.8	32.0	24.1
SHMEI - 12M - 8R	12	1/2	9.5	20.6	22	22.8	21.8	21.8	32.0	29.0

SMEI

Male Elbow



Connects Fractional Tube To Female NPT Thread

Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h (inch)	H (inch)					
SMEI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	18.79
SMEI - 4 - 4N	1/4	1/4	4.82	1/2	9/16	15.24	17.78	19.55	26.92	23.36
SMEI - 4 - 6N	1/4	3/8	4.82	5/8	9/16	15.24	17.78	22.35	29.71	26.16
SMEI - 4 - 8N	1/4	1/2	4.82	13/16	9/16	15.24	17.78	24.38	31.75	33.02
SMEI - 6 - 2N	3/8	1/8	4.82	5/8	11/16	16.76	19.30	23.11	30.48	20.82
SMEI - 6 - 4N	3/8	1/4	7.11	5/8	11/16	16.76	19.30	23.11	30.48	25.40
SMEI - 6 - 6N	3/8	3/8	7.11	5/8	11/16	16.76	19.30	23.87	31.24	26.16
SMEI - 6 - 8N	3/8	1/2	7.11	13/16	11/16	16.76	19.30	25.90	33.27	33.02
SMEI - 6 - 12N	3/8	3/4	7.11	1-1/16	11/16	16.76	19.30	29.71	37.08	36.83
SMEI - 8 - 4N	1/2	1/4	7.11	13/16	7/8	22.86	21.84	25.90	36.06	28.19
SMEI - 8 - 6N	1/2	3/8	9.65	13/16	7/8	22.86	21.84	25.90	36.06	28.19
SMEI - 8 - 8N	1/2	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06	33.02
SMEI - 8 - 12N	1/2	3/4	10.41	1-1/16	7/8	22.86	21.84	29.71	39.87	36.83
SMEI - 12 - 8N	3/4	1/2	11.93	1-1/16	1-1/8	24.38	21.84	29.71	39.87	36.83
SMEI - 12 - 12N	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87	36.83
SMEI - 16 - 12N	1	3/4	15.74	1-3/8	1-1/2	31.24	26.41	36.83	49.02	41.65
SMEI - 16 - 16N	1	1	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02	46.48

Connects Metric Tubes To Female ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h	H					
SMEI - 6M - 2R	6	1/8	4.8	12.7	14	15.3	17.7	19.6	27.0	18.8
SMEI - 6M - 4R	6	1/4	4.8	12.7	14	15.3	17.7	19.6	27.0	23.4
SMEI - 6M - 6R	6	3/8	4.8	15.9	14	15.3	17.7	22.4	29.8	26.2
SMEI - 8M - 4R	8	1/4	6.4	14.3	16	16.2	18.6	21.3	28.8	24.4
SMEI - 8M - 6R	8	3/8	6.4	15.9	16	16.2	18.6	23.1	30.6	26.2
SMEI - 8M - 8R	8	1/2	6.4	20.6	16	16.2	18.6	25.1	32.6	33.0
SMEI - 10M - 6R	10	3/8	7.9	17.5	19	17.2	19.5	23.9	31.5	26.2
SMEI - 10M - 8R	10	1/2	7.9	20.6	19	17.2	19.5	25.9	33.5	33.0
SMEI - 12M - 8R	12	1/2	9.5	20.6	22	22.8	22.0	25.9	36.0	33.0
SMEI - 12M - 12R	12	3/4	9.5	27.0	22	22.8	22.0	29.7	39.8	36.8
SMEI - 16M - 8R	16	1/2	11.9	23.8	25	24.4	22.0	27.9	38.0	35.1
SMEI - 18M - 8R	18	1/2	11.9	27.0	30	24.4	22.0	29.7	39.8	36.8
SMEI - 18M - 12R	18	3/4	15.1	27.0	30	24.4	22.0	29.7	39.8	36.8
SMEI - 20M - 8R	20	1/2	11.9	34.9	32	26.0	22.0	34.5	44.6	41.7
SMEI - 20M - 12R	20	3/4	15.9	34.9	32	26.0	22.0	34.5	44.6	41.7
SMEI - 25M - 12R	25	3/4	15.9	34.9	38	31.3	26.5	36.8	49.1	41.7
SMEI - 25M - 16R	25	1	21.8	34.9	38	31.3	26.5	36.8	49.1	46.5

SPHMEI

45° Positionable
Male Elbow



Connects Fractional Tubes To SAE/MS Straight Thread

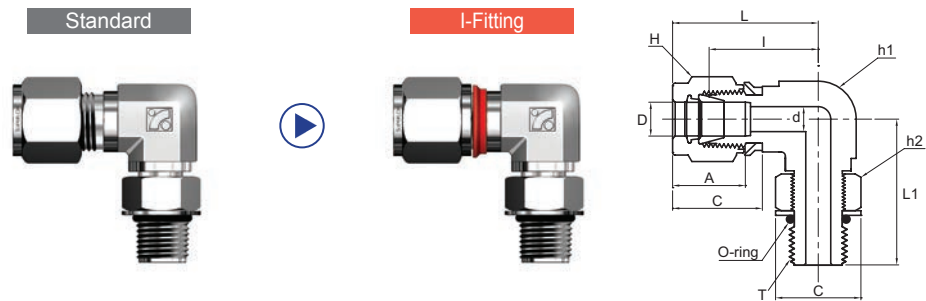
Part No.	Tube O.D. D (inch)	Straight Thread T(U)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1 (inch)	h2 (inch)	H (inch)						
SPHMEI - 4 - 4U	1/4	7/16-20	4.83	1/2	9/16	9/16	15.24	17.78	18.29	25.64	25.65	16.51
SPHMEI - 6 - 6U	3/8	9/16-18	7.11	5/8	11/16	11/16	16.76	19.30	20.57	27.94	28.19	20.07
SPHMEI - 8 - 8U	1/2	3/4-16	10.41	13/16	7/8	7/8	22.86	21.84	21.84	32.00	32.26	25.65
SPHMEI - 12 - 12U	3/4	1-1/16-12	15.75	1-1/8	1-1/4	1-1/8	24.38	24.84	29.72	39.88	47.24	36.58
SPHMEI - 16 - 16U	1	1-5/16-12	22.35	1-3/8	1-1/2	1-1/2	31.24	26.42	35.31	47.50	50.55	43.94

Connects Metric Tubes To SAE/MS Straight Thread

Part No.	Tube O.D. D	Straight Thread T(U)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1	h2	H						
SPHMEI - 6M - 4U	6	7/16-20	4.8	12.7	14.3	14	15.2	17.7	18.3	25.6	25.6	16.5
SPHMEI - 12M - 8U	12	3/4-16	9.5	20.6	22.2	22	22.8	21.8	21.8	32.0	32.2	25.6
SPHMEI - 18M - 12U	18	1-1/16-12	15.1	28.6	31.7	30	24.3	24.8	29.7	39.8	47.2	36.6
SPHMEI - 25M - 16U	25	1-5/16-12	21.8	34.9	38.1	38	31.2	26.4	35.3	47.5	50.5	43.9

SPMEI

Positionable Male Elbow



Connects Fractional Tubes To SAE/MS Straight Thread

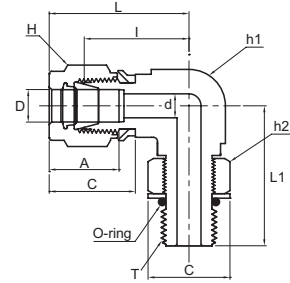
Part No.	Tube O.D. D (inch)	Straight Thread T(U)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1 (inch)	h2 (inch)	H (inch)						
SPMEI - 4 - 4U	1/4	7/16-20	4.83	1/2	9/16	9/16	15.24	17.78	21.08	28.45	28.45	16.51
SPMEI - 4 - 6U	1/4	9/16-18	4.83	5/8	11/16	9/16	15.24	17.78	23.11	30.48	32.26	20.07
SPMEI - 6 - 6U	3/8	9/16-18	7.11	5/8	11/16	11/16	16.76	19.30	24.64	32.00	32.26	20.07
SPMEI - 6 - 8U	3/8	3/4-16	7.11	13/16	7/8	11/16	16.76	19.30	27.43	34.80	37.85	25.65
SPMEI - 8 - 8U	1/2	3/4-16	10.41	13/16	7/8	7/8	22.86	21.84	27.43	37.59	37.85	25.65
SPMEI - 12 - 12U	3/4	1-1/16-12	15.75	1-1/16	1-1/4	1-1/8	24.38	24.84	31.24	41.40	48.77	36.58
SPMEI - 16 - 16U	1	1-5/16-12	22.35	1-3/8	1-1/2	1-1/2	31.24	26.42	38.35	50.55	53.59	43.94

Connects Metric Tubes To SAE/MS Straight Thread

Part No.	Tube O.D. D	Straight Thread T(U)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1	h2	H						
SPMEI - 6M - 4U	6	7/16-20	4.8	12.7	14.3	14	15.2	17.7	21.1	28.4	28.6	16.5
SPMEI - 12M - 8U	12	3/4-16	9.5	20.6	22.2	22	22.8	21.8	27.4	37.5	37.6	25.6
SPMEI - 18M - 12U	18	1-1/16-12	15.1	27	31.7	30	24.3	24.8	31.2	41.4	48.8	36.5
SPMEI - 25M - 16U	25	1-5/16-12	21.8	34.9	38.1	38	31.2	26.4	38.4	50.5	53.6	43.9

SPMEI

Positionable Male Elbow



Connects Fractional Tubes To Female ISO Parallel Thread

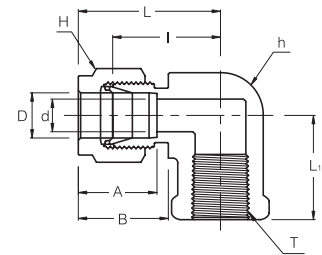
Part No.	Tube O.D. D (inch)	T (PF)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1 (inch)	h2 (inch)	H (inch)						
SPMEI - 4 - 2G	1/4	1/8	4.06	1/2	9/16	9/16	15.24	17.78	19.56	26.92	26.42	17.27
SPMEI - 4 - 4G	1/4	1/4	4.83	5/8	3/4	9/16	15.24	17.78	21.59	28.96	32.26	22.86
SPMEI - 6 - 4G	3/8	1/4	5.84	5/8	3/4	11/16	16.76	19.30	23.11	30.48	32.26	22.86
SPMEI - 6 - 6G	3/8	3/8	7.11	13/16	7/8	11/16	16.76	19.30	25.91	33.27	37.08	26.42
SPMEI - 8 - 4G	3/8	1/4	5.84	13/16	3/4	7/8	22.86	21.84	25.91	36.07	35.05	26.42
SPMEI - 8 - 6G	1/2	3/8	7.87	13/16	7/8	7/8	22.86	21.84	25.91	36.07	37.08	22.86
SPMEI - 8 - 8G	1/2	1/2	10.41	15/16	1-1/16	7/8	22.86	21.84	27.94	38.10	43.43	26.42
SPMEI - 12 - 8G	3/4	1/2	11.94	1-1/16	1-1/16	1-1/8	24.38	21.84	29.72	39.88	45.21	32.00
SPMEI - 12 - 12G	3/4	3/4	15.75	1-1/16	1-3/8	1-1/8	24.38	21.84	29.72	39.88	48.77	41.15
SPMEI - 16 - 12G	1	3/4	15.75	1-3/8	1-3/8	1-1/2	31.24	26.42	36.83	49.02	53.34	41.15
SPMEI - 16 - 16G	1	1	19.81	1-3/8	1-5/8	1-1/2	31.24	26.42	36.83	49.02	53.59	48.51

Connects Metric Tubes To Female ISO Parallel Thread

Part No.	Tube O.D. D	T (PF)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1	h2	H						
SPMEI - 6M - 2G	6	1/8	4.0	12.7	14.3	14	15.3	17.7	19.6	27.0	26.4	17.3
SPMEI - 6M - 4G	6	1/4	4.8	22.2	19	14	15.3	17.7	21.6	29.0	32.3	22.9
SPMEI - 8M - 2G	8	1/8	4.0	14.3	14.3	16	16.2	18.6	21.3	28.8	27.4	17.3
SPMEI - 8M - 4G	8	1/4	5.9	22.2	19	16	16.2	18.6	22.4	29.9	32.2	22.9
SPMEI - 10M - 4G	10	1/4	5.9	20.6	19	19	17.2	19.5	25.9	33.5	35.0	22.9
SPMEI - 10M - 6G	10	3/8	7.9	20.6	22.2	19	17.2	19.5	25.9	33.5	37.1	26.4
SPMEI - 12M - 4G	12	1/4	5.9	20.6	19	22	22.8	22.0	25.9	36.0	35.0	22.9
SPMEI - 12M - 8G	12	1/2	9.5	23.8	27	22	22.8	22.0	27.9	38.0	43.4	32.0
SPMEI - 12M - 12G	12	3/4	9.5	27	34.9	22	22.8	22.0	29.7	39.8	48.8	41.1

SFEI

Female Elbow



Connects Fractional Tubes To Male NPT Thread

Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h (inch)	H (inch)					
SFEI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	19.05
SFEI - 4 - 4N	1/4	1/4	4.82	11/16	9/16	15.24	17.78	22.35	29.71	22.35
SFEI - 4 - 6N	1/4	3/8	4.82	13/16	9/16	15.24	17.78	24.38	31.75	22.35
SFEI - 4 - 8N	1/4	1/2	4.82	1	9/16	15.24	17.78	27.17	34.54	28.44
SFEI - 6 - 2N	3/8	1/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48	19.05
SFEI - 6 - 4N	3/8	1/4	7.11	11/16	11/16	16.76	19.30	23.87	31.24	22.35
SFEI - 6 - 6N	3/8	3/8	7.11	13/16	11/16	16.76	19.30	25.90	33.27	22.35
SFEI - 6 - 8N	3/8	1/2	7.11	1	11/16	16.76	19.30	28.70	36.06	28.44
SFEI - 8 - 4N	1/2	1/4	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
SFEI - 8 - 6N	1/2	3/8	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
SFEI - 8 - 8N	1/2	1/2	10.41	1	7/8	22.86	21.84	28.70	38.86	37.00
SFEI - 12 - 8N	3/4	1/2	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87	28.44
SFEI - 12 - 12N	3/4	3/4	15.74	1-3/8	1-1/8	24.38	21.84	34.54	44.70	31.75
SFEI - 16 - 12N	1	3/4	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02	31.75
SFEI - 16 - 16N	1	1	22.35	1-11/16	1-1/2	31.24	26.41	41.40	53.59	38.10

Connects Metric Tubes To Male ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h	H					
SFEI - 6M - 4R	6	1/4	4.8	17.4	14	15.3	17.7	22.4	29.8	22.40
SFEI - 6M - 6R	6	3/8	4.8	20.6	14	15.3	17.7	24.4	31.7	22.40
SFEI - 6M - 8R	6	1/2	4.8	25.4	14	15.3	17.7	27.2	34.6	28.40
SFEI - 8M - 4R	8	1/4	6.4	17.4	16	16.2	18.6	23.1	30.6	22.40
SFEI - 8M - 8R	8	1/2	6.4	25.4	16	16.2	18.6	28.0	35.2	28.40
SFEI - 10M - 4R	10	1/4	7.9	17.4	19	17.2	19.5	25.9	33.5	22.40
SFEI - 10M - 6R	10	3/8	7.9	20.6	19	17.2	19.5	25.9	33.5	22.40
SFEI - 12M - 6R	12	3/8	9.5	20.6	22	22.8	22.0	25.9	36.2	22.35
SFEI - 12M - 8R	12	1/2	9.5	25.4	22	22.8	22.0	28.7	38.8	28.40

SUTI

Union Tee



Connects Fractional Tubes

Part No.	Tube O.D. D (inch)	d Min	Width Across Flat		A	B	I	L
			h (inch)	H (inch)				
SUTI - 4	1/4	4.82	1/2	9/16	15.24	17.78	20.10	27.40
SUTI - 6	3/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48
SUTI - 8	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06
SUTI - 12	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87
SUTI - 16	1	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02

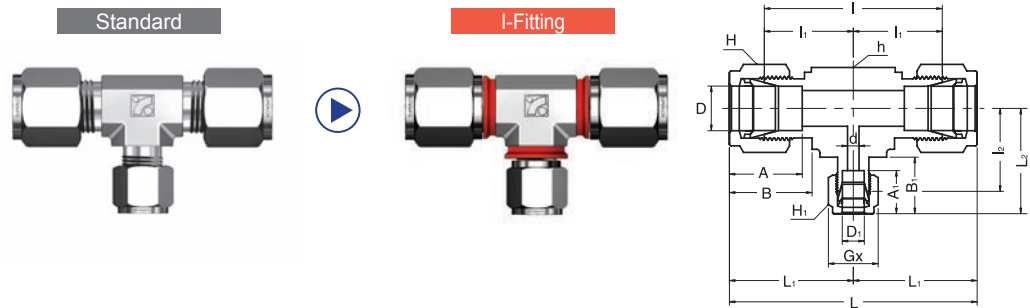
Connects Metric Tubes

Part No.	Tube O.D. D	d Min	Width Across Flat		A	B	I	L
			h	H				
SUTI - 6M	6	4.8	12.7	14	15.3	17.7	19.6	27.0
SUTI - 8M	8	6.4	15.9	16	16.2	18.6	22.4	29.9
SUTI - 10M	10	7.9	17.5	19	17.2	19.5	23.9	31.5
SUTI - 12M	12	9.5	20.6	22	22.8	22.0	25.9	36.0
SUTI - 16M	16	12.7	25.4	25	24.4	22.0	28.7	38.8
SUTI - 18M	18	15.1	27.0	30	24.4	22.0	29.7	38.8
SUTI - 20M	20	15.9	34.9	32	26.0	22.0	34.5	44.6
SUTI - 25M	25	21.8	34.9	38	31.3	26.5	36.8	49.1

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

SRUTI

Reducing Union Tee



Connects Fractional Tubes

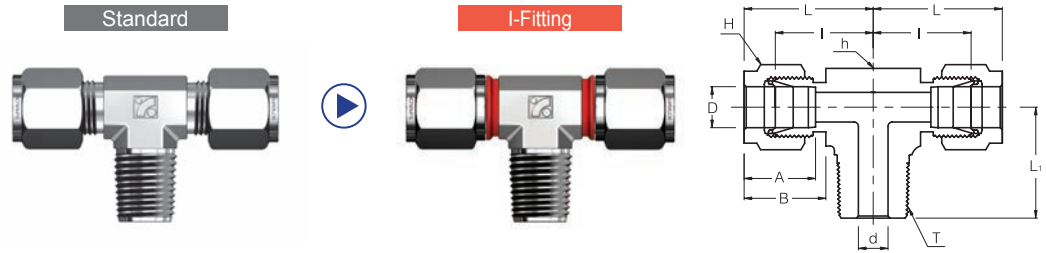
Part No.	Tube O.D.		d Min	Width Across Flat			A	A1	B	B1	I	I1	I2	L	L1	L2
	D (inch)	D ₁ (inch)		h (inch)	H (inch)	H ₁ (inch)										
SRUTI - 6 - 4	3/8	1/4	4.82	5/8	11/16	9/16	16.76	15.24	19.30	17.78	46.22	23.11	21.59	60.96	30.48	28.95
SRUTI - 8 - 4	1/2	1/4	4.82	13/16	7/8	9/16	22.86	15.24	21.84	17.78	51.81	25.90	24.38	72.13	36.06	31.75
SRUTI - 8 - 6	1/2	3/8	7.11	13/16	7/8	11/16	22.86	16.76	21.84	19.30	51.81	25.90	25.90	72.13	36.06	33.27
SRUTI - 12 - 6	3/4	3/8	7.11	1 1/16	1 1/8	11/16	24.38	16.76	21.84	19.30	59.43	29.71	29.71	79.75	39.87	37.08
SRUTI - 12 - 8	3/4	1/2	10.41	1 1/16	1 1/8	7/8	24.38	22.86	21.84	21.84	59.43	29.71	29.71	79.75	39.87	39.87
SRUTI - 16 - 6	1	3/8	7.11	1 3/8	1 1/2	1 1/16	31.24	16.76	26.41	19.30	73.66	36.83	34.54	98.04	49.02	41.91
SRUTI - 16 - 8	1	1/2	10.41	1 3/8	1 1/2	7/8	31.24	21.84	26.41	22.86	73.66	36.83	34.54	98.04	49.02	44.70
SRUTI - 16 - 12	1	3/4	15.74	1 3/8	1 1/2	1 1/8	31.24	24.38	26.41	21.84	73.66	36.83	34.54	98.04	49.02	44.70

Connects Metric Tubes

Part No.	Tube O.D.		d Min	Width Across Flat			A	A1	B	B1	I	I1	I2	L	L1	L2
	D	D ₁		h	H	H ₁										
SRUTI - 8M - 6M	8	6	4.8	15.9	16	14	16.8	15.3	19.2	17.8	46.2	23.1	21.6	62.4	31.2	29.0
SRUTI - 12M - 6M	12	6	4.8	20.6	22	14	23.0	15.3	22.0	17.8	51.8	25.9	25.9	72.5	36.2	33.3
SRUTI - 12M - 8M	12	8	6.4	20.6	22	16	23.0	16.8	22.0	19.2	51.8	25.9	25.1	72.5	36.2	33.2
SRUTI - 12M - 10M	12	10	7.9	20.6	22	19	23.0	17.5	22.0	19.8	51.8	25.9	25.9	72.5	36.2	33.8
SRUTI - 18M - 10M	18	10	7.9	27.0	30	19	24.8	17.5	22.5	19.8	59.4	29.7	29.7	81.7	40.3	37.6
SRUTI - 18M - 12M	18	12	9.5	27.0	30	22	24.8	23.0	25.5	22.2	59.4	29.7	29.7	80.7	40.3	40.0
SRUTI - 25M - 12M	25	12	9.5	34.9	38	22	31.3	23.0	26.6	22.2	73.6	36.8	34.5	98.2	49.1	44.8
SRUTI - 25M - 18M	25	18	15.1	34.9	38	30	31.3	24.8	26.6	22.5	73.6	36.8	34.5	98.2	49.1	45.1
SRUTI - 25M - 20M	25	20	15.9	34.9	38	32	31.3	26.6	26.6	22.6	73.6	36.8	34.5	98.2	49.1	45.2

SMBTI

Male
Branch Tee



Connects Fractional Tubes To Female NPT Thread

Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h (inch)	H (inch)					
SMBTI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	18.79
SMBTI - 4 - 4N	1/4	1/4	4.82	1/2	9/16	15.24	17.78	19.55	26.92	23.36
SMBTI - 6 - 4N	3/8	1/4	7.11	5/8	11/16	16.76	19.30	23.11	30.48	25.40
SMBTI - 6 - 6N	3/8	3/8	7.11	5/8	11/16	16.76	19.30	23.10	30.48	28.19
SMBTI - 8 - 6N	1/2	3/8	9.65	13/16	7/8	22.86	21.84	25.90	36.06	28.19
SMBTI - 8 - 8N	1/2	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06	33.02
SMBTI - 12 - 12N	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87	36.83

Connects Metric Tubes To Female ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L ₁
				h	H					
SMBTI - 6M - 2R	6	1/8	4.8	12.7	14	15.3	17.7	19.6	27.0	18.8
SMBTI - 6M - 4R	6	1/4	4.8	12.7	14	15.3	17.7	19.6	27.0	23.4
SMBTI - 8M - 4R	8	1/4	6.4	15.9	16	16.2	18.6	22.4	29.9	25.4
SMBTI - 10M - 4R	10	1/4	7.1	17.5	19	17.2	19.5	23.9	31.5	28.2
SMBTI - 10M - 6R	10	3/8	7.9	17.5	19	17.2	19.5	23.9	31.5	28.2
SMBTI - 12M - 4R	12	1/4	7.1	20.6	22	22.8	22.0	25.9	36.0	28.2
SMBTI - 12M - 6R	12	3/8	9.5	20.6	22	22.8	22.0	25.9	36.0	28.2
SMBTI - 12M - 8R	12	1/2	9.5	20.6	22	22.8	22.0	25.9	36.0	33.0
SMBTI - 16M - 6R	16	3/8	9.5	25.4	25	24.4	22.0	27.9	38.0	30.2
SMBTI - 16M - 8R	16	1/2	11.9	25.4	25	24.4	22.0	27.9	38.0	35.1
SMBTI - 20M - 12R	20	3/4	15.9	31.8	32	26.0	22.0	34.5	44.6	41.7

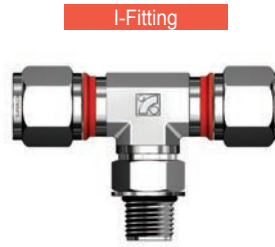
* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

SPMBTI

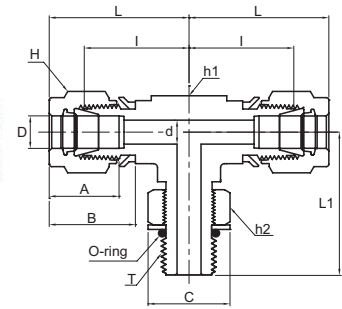
Positionable
Male Branch Tee



Standard



I-Fitting



Connects Fractional Tubes To Female ISO Parallel Thread

Part No.	Tube O.D. D (inch)	T (PF)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1 (inch)	h2 (inch)	H (inch)						
SPMBTI - 4 - 2G	1/4	1/8	4.06	1/2	9/16	9/16	15.24	17.78	19.56	26.92	26.42	17.27
SPMBTI - 4 - 4G	1/4	1/4	4.83	5/8	3/4	9/16	15.24	17.78	21.59	28.96	32.26	22.86
SPMBTI - 6 - 4G	3/8	1/4	5.08	5/8	3/4	11/16	15.24	19.30	23.11	30.48	32.26	22.86
SPMBTI - 8 - 6G	3/8	3/8	7.87	13/16	7/8	7/8	22.86	21.84	25.91	36.07	37.08	26.42
SPMBTI - 8 - 8G	1/2	1/2	10.41	15/16	1-1/16	7/8	22.86	21.84	27.94	38.10	43.43	32.00
SPMBTI - 12 - 8G	3/4	1/2	11.94	1-1/16	1-1/16	1-1/8	24.38	21.84	29.72	39.88	45.21	32.00
SPMBTI - 12 - 12G	3/4	3/4	15.75	1-1/16	1-3/8	1-1/8	24.38	21.84	29.72	39.88	48.77	41.15
SPMBTI - 16 - 16G	1	1	19.81	1-3/8	1-5/8	1-1/2	31.24	26.42	36.83	49.02	53.59	48.51

Connects Metric Tubes To Female ISO Parallel Thread

Part No.	Tube O.D. D	T (PF)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1	h2	H						
SPMBTI - 6M - 2G	6	1/8	4.0	12.7	14.3	14	15.3	17.7	19.6	27.0	26.4	17.3
SPMBTI - 6M - 4G	6	1/4	4.8	15.8	19	14	15.3	17.7	21.6	29.0	32.3	22.9
SPMBTI - 8M - 2G	8	1/8	4.0	14.3	14.3	16	16.2	18.6	21.3	28.8	27.4	17.3
SPMBTI - 8M - 4G	8	1/4	5.9	15.8	19	16	16.2	18.6	22.4	29.9	32.2	22.9
SPMBTI - 10M - 4G	10	1/4	5.9	20.6	19	19	17.2	19.5	25.9	33.5	35.0	22.9
SPMBTI - 12M - 8G	12	1/2	9.5	23.8	27	22	22.8	22.0	27.9	38.0	35.0	32.0

Connects Fractional Tubes To SAE/MS Straight Thread Boss

Part No.	Tube O.D. D (inch)	Straight Thread T(U)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1 (inch)	h2 (inch)	H (inch)						
SPMBTI - 4 - 4U	1/4	7/16-20	4.83	1/2	9/16	9/16	15.24	17.78	21.08	28.45	28.45	16.51
SPMBTI - 6 - 6U	3/8	9/16-18	7.11	5/8	11/16	11/16	16.76	19.30	24.64	32.00	32.26	20.07
SPMBTI - 8 - 8U	1/2	3/4-16	10.41	13/16	7/8	7/8	22.86	21.84	27.43	37.59	37.85	25.65
SPMBTI - 12 - 12U	3/4	1-1/16-12	15.75	1-1/16	1-1/4	1-1/8	24.38	21.84	31.24	41.40	48.77	36.58
SPMBTI - 16 - 16U	1	1-5/16-12	22.35	1-3/8	1-1/2	1-1/2	31.24	26.42	38.35	50.55	53.59	43.94

Connects Metric Tubes To SAE/MS Straight Thread Boss

Part No.	Tube O.D. D	Straight Thread T(U)	d Min	Width Across Flat			A	B	I	L	L1	C
				h1	h2	H						
SPMBTI - 6M - 4U	6	7/16-20	4.8	12.7	14.3	14	15.2	17.7	21.1	28.4	28.5	16.5
SPMBTI - 12M - 8U	12	3/4-16	9.5	20.6	22.2	22	22.8	21.8	27.4	37.5	37.9	25.6
SPMBTI - 18M - 12U	18	1-1/16-12	15.1	27	31.7	28	24.3	21.8	31.2	41.4	48.8	36.5
SPMBTI - 25M - 16U	25	1-5/16-12	21.8	34.9	38.1	38	31.2	26.4	38.4	50.5	53.6	43.9

• All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change
• Any size not in the list is available upon request.

SMRTI

Male Run Tee



Connects Fractional Tubes To Female NPT Thread

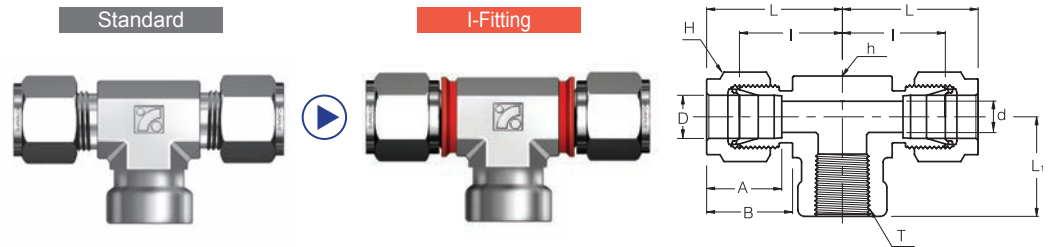
Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L1
				h (inch)	H (inch)					
SMRTI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	18.79
SMRTI - 4 - 4N	1/4	1/4	4.82	1/2	9/16	15.24	17.78	19.55	26.92	23.36
SMRTI - 6 - 4N	3/8	1/4	7.11	5/8	11/16	16.76	19.30	23.11	30.48	25.40
SMRTI - 6 - 6N	3/8	3/8	7.11	5/8	11/16	16.76	19.30	23.10	30.48	28.19
SMRTI - 8 - 6N	1/2	3/8	9.65	13/16	7/8	22.86	21.84	25.90	36.06	28.19
SMRTI - 8 - 8N	1/2	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06	33.02
SMRTI - 12 - 12N	3/4	3/4	15.74	1-1/16	1-1/8	24.38	21.84	29.71	39.87	36.83

Connects Metric Tubes To Female ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L1
				h	H					
SMRTI - 6M - 2R	6	1/8	4.8	12.7	14	15.3	17.7	19.6	27.0	18.8
SMRTI - 6M - 4R	6	1/4	4.8	12.7	14	15.3	17.7	19.6	27.0	23.4
SMRTI - 8M - 4R	8	1/4	6.4	15.9	16	16.2	18.6	22.4	29.9	25.4
SMRTI - 10M - 4R	10	1/4	7.1	17.5	19	17.2	19.5	23.9	31.5	28.2
SMRTI - 10M - 6R	10	3/8	7.9	17.5	19	17.2	19.5	23.9	31.5	28.2
SMRTI - 12M - 4R	12	1/4	7.1	20.6	22	22.8	22.0	25.9	36.0	28.2
SMRTI - 12M - 8R	12	1/2	9.5	20.6	22	22.8	22.0	25.9	36.0	33.0
SMRTI - 16M - 6R	16	3/8	9.5	25.4	25	24.4	22.0	27.9	38.0	30.2
SMRTI - 16M - 8R	16	1/2	11.9	25.4	25	24.4	22.0	27.9	38.0	35.1
SMRTI - 20M - 12R	20	3/4	15.9	31.8	32	26.0	22.0	34.5	44.6	41.7

SFBTI

Female Branch Tee



Connects Fractional Tubes To Male NPT Thread

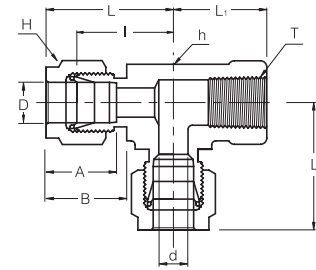
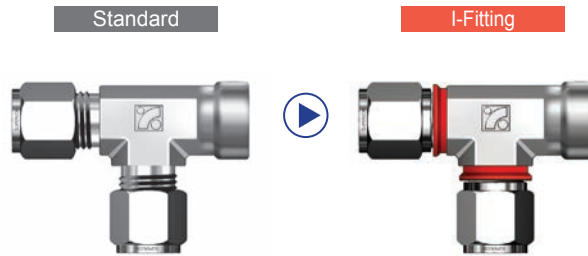
Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L1
				h (inch)	H (inch)					
SFBTI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	19.05
SFBTI - 4 - 4N	1/4	1/4	4.82	11/16	9/16	15.24	17.78	22.35	29.71	22.35
SFBTI - 6 - 4N	3/8	1/4	7.11	11/16	11/16	16.76	19.30	23.87	31.24	22.35
SFBTI - 6 - 6N	3/8	3/8	7.11	13/16	11/16	16.76	19.30	25.90	33.27	22.35
SFBTI - 6 - 8N	3/8	1/2	7.11	1	11/16	16.76	19.30	28.70	36.07	28.45
SFBTI - 8 - 4N	1/2	1/4	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
SFBTI - 8 - 6N	1/2	3/8	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
SFBTI - 8 - 8N	1/2	1/2	10.41	1	7/8	22.86	21.84	28.70	38.86	28.44
SFBTI - 16 - 12N	1	3/4	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02	31.75
SFBTI - 16 - 16N	1	1	22.35	1-11/16	1-1/2	31.24	26.41	41.40	53.59	38.10

Connects Metric Tubes To Male ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L1
				h	H					
SFBTI - 6M - 4R	6	1/4	4.8	17.46	14	15.3	17.7	22.4	29.8	22.4
SFBTI - 6M - 6R	6	3/8	4.8	20.63	14	15.3	17.7	24.4	31.7	22.4
SFBTI - 6M - 8R	6	1/2	4.8	25.40	14	15.3	17.7	27.2	34.5	28.4
SFBTI - 8M - 2R	8	1/8	6.4	15.87	16	16.2	18.6	22.4	29.9	19.0
SFBTI - 8M - 4R	8	1/4	6.4	17.46	16	16.2	18.6	23.1	30.6	22.4
SFBTI - 8M - 6R	8	3/8	6.4	20.63	16	16.2	18.6	25.2	32.4	22.4
SFBTI - 8M - 8R	8	1/2	6.4	25.40	16	16.2	18.6	28.0	35.2	28.4
SFBTI - 10M - 4R	10	1/4	7.9	20.63	19	17.2	19.5	25.9	33.5	22.4
SFBTI - 12M - 4R	12	1/4	9.5	20.63	22	22.8	22.0	25.9	36.0	22.4
SFBTI - 12M - 6R	12	3/8	9.5	20.63	22	22.8	22.0	25.9	36.0	22.4
SFBTI - 16M - 8R	16	1/2	12.7	25.40	25	24.4	22.0	28.7	38.8	28.4

SFRTI

Female Run Tee



Connects Fractional Tubes To Male NPT Thread

Part No.	Tube O.D. D (inch)	T (NPT)	d Min	Width Across Flat		A	B	I	L	L1
				h (inch)	H (inch)					
SFRTI - 4 - 2N	1/4	1/8	4.82	1/2	9/16	15.24	17.78	19.55	26.92	19.05
SFRTI - 4 - 4N	1/4	1/4	4.82	11/16	9/16	15.24	17.78	22.35	29.71	22.35
SFRTI - 6 - 4N	3/8	1/4	7.11	11/16	11/16	16.76	19.30	23.87	31.24	22.35
SFRTI - 8 - 6N	1/2	3/8	10.41	13/16	7/8	22.86	21.84	25.90	36.06	22.35
SFRTI - 8 - 8N	1/2	1/2	10.41	1	7/8	22.86	21.84	28.70	39.87	28.44
SFRTI - 12 - 12N	3/4	3/4	15.74	1-3/8	1-1/8	24.38	21.84	34.54	44.70	31.75
SFRTI - 16 - 12N	1	3/4	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02	31.75
SFRTI - 16 - 16N	1	1	22.35	1-11/16	1-1/2	31.24	26.41	41.40	53.59	38.10

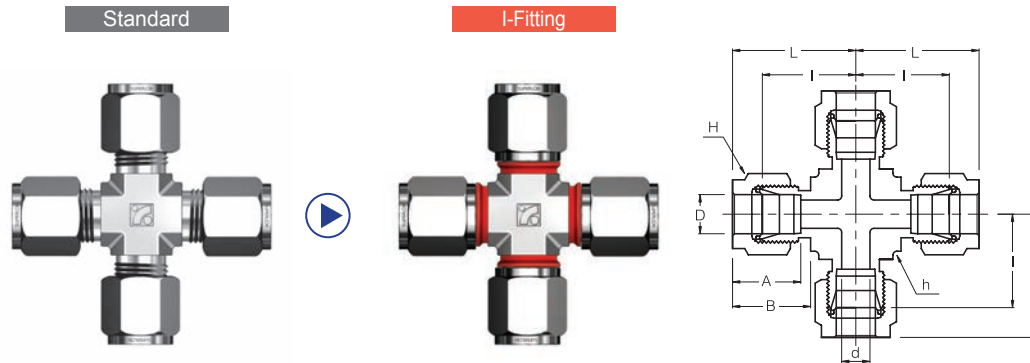
Connects Metric Tubes To Male ISO Tapered Thread

Part No.	Tube O.D. D	T (PT)	d Min	Width Across Flat		A	B	I	L	L1
				h	H					
SFRTI - 6M - 4R	6	1/4	4.8	17.4	14	15.3	17.7	22.4	29.8	22.4
SFRTI - 6M - 8R	6	1/2	4.8	25.4	14	15.3	17.7	27.2	34.5	28.4
SFRTI - 8M - 2R	8	1/8	6.4	15.8	16	16.2	18.6	22.4	29.9	19.0
SFRTI - 8M - 4R	8	1/4	6.4	17.4	16	16.2	18.6	23.1	30.6	22.4
SFRTI - 8M - 6R	8	3/8	6.4	20.6	16	16.2	18.6	25.2	32.4	22.4
SFRTI - 8M - 8R	8	1/2	6.4	25.4	16	16.2	18.6	28.0	35.2	28.4
SFRTI - 12M - 4R	12	1/4	9.5	20.6	22	22.8	22.0	25.9	33.5	22.4
SFRTI - 12M - 6R	12	3/8	9.5	20.6	22	22.8	22.0	25.9	36.0	22.4
SFRTI - 16M - 8R	16	1/2	12.7	25.4	25	24.4	22.0	29.7	39.8	28.4

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

* Any size not in the list is available upon request.

SUCI Union Cross



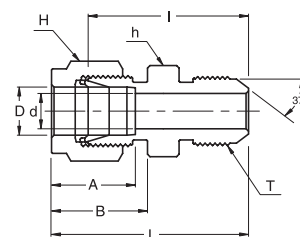
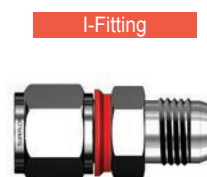
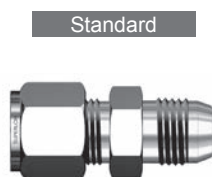
Connects Fractional Tubes

Part No.	Tube O.D. D (inch)	d Min	Width Across Flat		A	B	I	L
			h (inch)	H (inch)				
SUCI - 4	1/4	4.82	1/2	9/16	15.24	17.78	19.55	26.92
SUCI - 6	3/8	7.11	5/8	11/16	16.76	19.30	23.11	30.48
SUCI - 8	1/2	10.41	13/16	7/8	22.86	21.84	25.90	36.06
SUCI - 12	3/4	15.74	1	1-1/8	24.38	21.84	29.71	39.87
SUCI - 16	1	22.35	1-3/8	1-1/2	31.24	26.41	36.83	49.02

Connects Metric Tubes

Part No.	Tube O.D. D	d Min	Width Across Flat		A	B	I	L
			h	H				
SUCI - 6M	6	4.8	12.7	14	15.3	17.7	19.6	27.0
SUCI - 8M	8	6.4	15.9	16	16.2	18.6	22.4	29.9
SUCI - 10M	10	7.9	20.6	19	17.2	19.5	25.9	33.5
SUCI - 12M	12	9.5	20.6	22	22.8	22.0	25.9	36.0
SUCI - 16M	16	12.7	23.8	25	24.4	22.0	26.9	37.0
SUCI - 18M	18	15.1	25.4	30	24.4	22.0	28.2	38.3
SUCI - 20M	20	15.9	34.9	32	26.0	22.0	34.5	44.6
SUCI - 25M	25	21.8	34.9	38	31.3	26.5	36.8	49.1

SAUI An Union



Connects Fractional Tubes To An Flared Tubes

Part No.	Tube O.D. (inch)	AN Tube Flare Size (inch)	Straight Thread T (U)	d Min	Width Across Flat		A	B	I	L
					h (inch)	H (inch)				
SAUI - 4 - 4U	1/4	1/4	7/16-20	4.31	1/2	9/16	15.24	17.78	30.22	37.59
SAUI - 6 - 4U	3/8	1/4	7/16-20	4.31	5/8	11/16	16.76	19.30	32.25	39.62
SAUI - 6 - 6U	3/8	3/8	9/16-18	7.11	5/8	11/16	16.76	19.30	32.25	39.62
SAUI - 8 - 8U	1/2	1/2	3/4-16	9.90	13/16	7/8	22.86	21.84	35.81	45.97
SAUI -12 - 12U	3/4	3/4	1-1/16-12	15.49	1-1/8	1-1/8	24.38	21.84	43.18	53.34
SAUI -16 - 16U	1	1	1-5/16-12	21.33	1-3/8	1-1/2	31.24	26.41	49.27	61.46

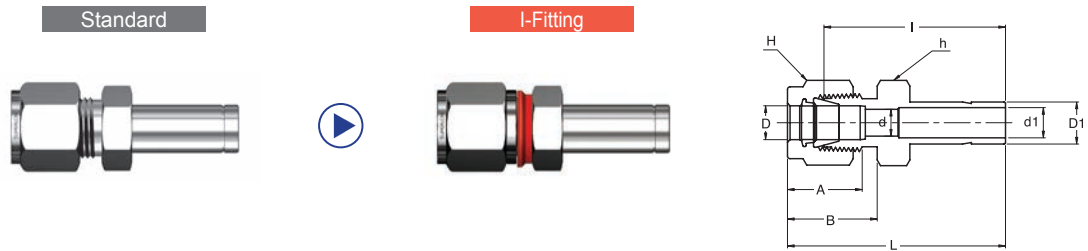
Connects Fractional Tubes To An Flared Tubes

Part No.	Tube O.D.	AN Tube Flare Size (inch)	Straight Thread T (U)	d Min	Width Across Flat		A	B	I	L
					h	H				
SAUI - 6M - 4U	6	1/4	7/16-20	4.8	12.7	14	15.2	17.7	30.20	37.5
SAUI - 12M - 8U	12	1/2	3/4-16	9.5	20.6	22	22.8	21.8	35.80	45.9
SAUI - 18M - 12U	18	3/4	1-1/16-12	15.1	28.6	30	24.3	21.8	43.20	53.3
SAUI - 25M - 16U	25	1	1-5/16-12	21.8	34.9	38	31.2	26.4	49.27	61.4

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

* Any size not in the list is available upon request.

SRI Reducer



Connects Fractional Tubes To Fractional SUPERLOK Port

Part No.	Tube O.D.		d Min	d1 Min	Width Across Flat		A	B	I	L
	D (inch)	D ₁ (inch)			h (inch)	H (inch)				
SRI - 4 - 2	1/4	1/8	4.83	2.1	1/2	9/16	15.24	17.78	29.46	36.83
SRI - 4 - 3	1/4	3/16	4.83	3.0	1/2	9/16	15.24	17.78	30.22	37.59
SRI - 4 - 4	1/4	1/4	4.83	4.4	1/2	9/16	15.24	17.78	31.75	39.11
SRI - 4 - 5	1/4	5/16	4.83	5.6	1/2	9/16	15.24	17.78	32.51	39.87
SRI - 4 - 6	1/4	3/8	4.83	6.9	1/2	9/16	15.24	17.78	33.27	40.64
SRI - 4 - 8	1/4	1/2	4.83	9.4	9/16	9/16	15.24	17.78	38.86	46.22
SRI - 4 - 10	1/4	5/8	4.83	12.0	11/16	9/16	15.24	17.78	40.64	48.00
SRI - 4 - 12	1/4	3/4	4.83	14.8	13/16	9/16	15.24	17.78	41.40	47.75
SRI - 6 - 4	3/8	1/4	7.11	4.4	5/8	11/16	16.76	19.30	34.03	41.40
SRI - 6 - 6	3/8	3/8	7.11	6.9	5/8	11/16	16.76	19.30	35.81	43.18
SRI - 6 - 8	3/8	1/2	7.11	9.4	5/8	11/16	16.76	19.30	41.14	48.51
SRI - 6 - 10	3/8	5/8	7.11	12.0	11/16	11/16	16.76	19.30	42.92	50.29
SRI - 6 - 12	3/8	3/4	7.11	14.8	13/16	11/16	16.76	19.30	42.92	50.29
SRI - 8 - 4	1/2	1/4	10.41	4.4	13/16	7/8	22.86	21.84	34.79	44.95
SRI - 8 - 6	1/2	3/8	10.41	6.9	13/16	7/8	22.86	21.84	36.57	46.73
SRI - 8 - 8	1/2	1/2	10.41	9.4	13/16	7/8	22.86	21.84	42.16	52.32
SRI - 8 - 10	1/2	5/8	10.41	12.0	13/16	7/8	22.86	21.84	43.68	53.84
SRI - 8 - 12	1/2	3/4	10.41	14.8	13/16	7/8	22.86	21.84	43.68	53.84
SRI - 8 - 16	1/2	1	10.41	20.4	1-1/16	7/8	22.86	21.84	50.03	60.19
SRI - 12 - 8	3/4	1/2	15.74	9.4	1-1/16	1-1/8	24.38	21.84	44.45	54.61
SRI - 12 - 16	3/4	1	15.74	20.4	1-1/16	1-1/8	24.38	21.84	52.32	62.48

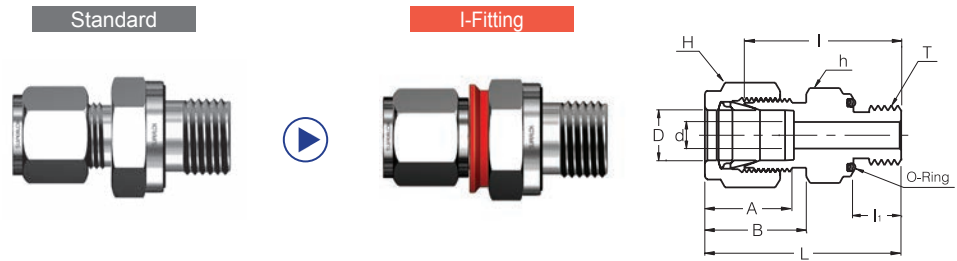
Connects Metric Tubes To Metric SUPERLOK Port

Part No.	Tube O.D.		d Min	d1 Min	Width Across Flat		A	B	I	L
	D	D ₁			h	H				
SRI - 6M - 8M	6	8	4.8	5.6	14	14	15.3	17.7	32.5	39.9
SR - 6M - 10M	6	10	4.8	7.1	14	14	15.3	17.7	33.3	40.7
SR - 8M - 6M	8	6	6.4	4.1	15	16	16.2	18.6	32.8	40.3
SR - 8M - 10M	8	10	6.4	7.1	15	16	16.2	18.6	34.5	42.0
SR - 10M - 6M	10	6	7.9	4.1	18	19	17.2	19.5	34.8	42.4
SR - 10M - 8M	10	8	7.9	5.6	18	19	17.2	19.5	35.8	43.4
SR - 10M - 12M	10	12	7.9	8.8	18	19	17.2	19.5	42.2	49.8
SR - 12M - 8M	12	8	9.5	5.6	22	22	22.8	22.0	35.8	45.9
SR - 12M - 10M	12	10	9.5	7.1	22	22	22.8	22.0	36.6	46.7
SR - 18M - 12M	18	12	15.1	8.8	27	30	24.4	22.0	44.5	54.6
SR - 18M - 16M	18	16	15.1	12.0	27	30	24.4	22.0	46.0	56.1
SR - 18M - 20M	18	20	15.1	15.5	27	30	24.4	22.0	47.5	57.6
SR - 25M - 18M	25	18	21.8	13.9	35	38	31.3	26.5	50.8	63.1
SR - 25M - 20M	25	20	21.8	15.5	35	38	31.3	26.5	52.3	64.6

• All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change
 • Any size not in the list is available upon request.

SOSCI

O-Seal Straight Thread Connector



Connects Fractional Tube To Female Straight Thread

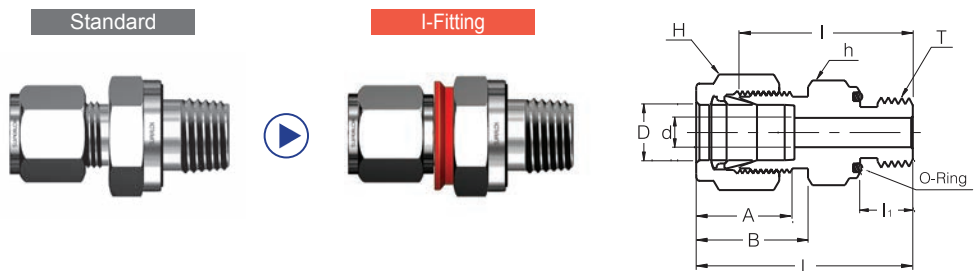
Part No.	Tube O.D. D (inch)	Straight Thread T (U)	d Min	Width Across Flat		A	B	I	I1	L	O-Ring Uniform Size Number
				h (inch)	H (inch)						
SOSCI - 4 - 4U	1/4	7/16-20	4.82	3/4	9/16	15.24	17.78	30.98	10.41	38.35	-111
SOSCI - 6 - 6U	3/8	9/16-18	7.11	15/16	11/16	16.76	19.30	35.05	11.93	42.41	-114
SOSCI - 8 - 8U	1/2	3/4-16	10.41	1-1/8	7/8	22.86	21.84	35.81	11.93	45.97	-116
SOSCI - 12 - 12U	3/4	1-1/16-12	15.75	1-1/2	1-1/8	24.38	21.84	42.16	14.22	52.32	-215
SOSCI - 16 - 16U	1	1-5/16-12	22.35	1-3/4	1-1/2	31.24	26.41	45.97	14.22	58.16	-219

Connects Metric Tube To Female Straight Thread

Part No.	Tube O.D. D	Straight Thread T (U)	d Min	Width Across Flat		A	B	I	I1	L	O-Ring Uniform Size Number
				h	H						
SOSCI - 6M - 4U	6	7/16-20	4.8	19	14	15.2	17.7	31.0	10.4	38.3	-111
SOSCI - 12M - 8U	12	3/4-16	9.5	28.6	22	22.8	21.8	35.8	11.9	45.9	-116
SOSCI - 18M - 12U	18	1-1/16-12	15.1	38.1	28	24.3	21.8	42.2	14.2	52.3	-215
SOSCI - 25M - 16U	25	1-5/16-12	21.8	44.4	38	31.2	26.4	46.0	14.2	58.1	-219

SOPCI

O-Seal Pipe Thread Connector



Connects Fractional Tube To Female NPT Thread

Part No.	Tube O.D. D (inch)	T* (NPT)	d Min	Width Across Flat		A	B	I	I1	L	O-Ring Uniform Size Number
				h (inch)	H (inch)						
SOPCI - 4 - 2N	1/4	1/8	4.82	3/4	9/16	15.24	17.78	27.68	7.11	35.05	-111
SOPCI - 4 - 4N	1/4	1/4	4.82	15/16	9/16	15.24	17.78	30.98	9.65	38.35	-113
SOPCI - 6 - 4N	3/8	1/4	7.11	15/16	11/16	16.76	19.30	32.51	9.65	39.87	-113
SOPCI - 6 - 6N	3/8	3/8	7.11	1-1/8	11/16	16.76	19.30	34.03	10.41	41.40	-116
SOPCI - 6 - 8N	3/8	1/2	7.11	1-5/16	11/16	16.76	19.30	39.62	13.46	46.99	-212
SOPCI - 8 - 8N	1/2	1/2	10.41	1-5/16	7/8	22.86	21.84	39.62	13.46	49.78	-212

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

SSMCI

SAE/MS Male Connector



Connects Fractional Tubes To SAE/MS Straight Thread Boss

Part No.	Tube O.D. D (inch)	Straight Thread T (U)	d Min	Width Across Flat		A	B	I	I1	L	O-Ring Uniform Size Number
				h (inch)	H (inch)						
SSMCI - 4 - 4U	1/4	7/16-20	4.82	9/16	9/16	15.24	17.78	26.67	9.14	34.03	3-904
SSMCI - 4 - 6U	1/4	9/16-18	4.82	11/16	9/16	15.24	17.78	28.19	9.90	35.56	3-906
SSMCI - 4 - 8U	1/4	3/4-16	4.82	7/8	9/16	15.24	17.78	30.22	11.17	37.59	3-908
SSMCI - 4 - 10U	1/4	7/8-14	4.82	1	9/16	15.24	17.78	33.27	12.70	40.64	3-910
SSMCI - 6 - 4U	3/8	7/16-20	5.08	5/8	11/16	16.76	19.30	28.19	9.14	35.56	3-904
SSMCI - 6 - 6U	3/8	9/16-18	7.11	11/16	11/16	16.76	19.30	29.71	9.90	37.08	3-906
SSMCI - 6 - 8U	3/8	3/4-16	7.11	7/8	11/16	16.76	19.30	31.75	11.17	39.11	3-908
SSMCI - 6 - 10U	3/8	7/8-14	7.11	1	11/16	16.76	19.30	34.79	12.70	42.16	3-910
SSMCI - 8 - 6U	1/2	9/16-18	7.11	13/16	7/8	22.86	21.84	28.95	9.90	39.11	3-906
SSMCI - 8 - 8U	1/2	3/4-16	10.41	7/8	7/8	22.86	21.84	31.75	11.17	41.91	3-908
SSMCI - 8 - 10U	1/2	7/8-14	10.41	1	7/8	22.86	21.84	34.79	12.70	44.95	3-910
SSMCI - 8 - 12U	1/2	1-1/16-12	10.41	1-1/4	7/8	22.86	21.84	38.86	14.98	49.02	3-912
SSMCI - 12 - 8U	3/4	3/4-16	10.66	1-1/16	1-1/8	24.38	21.84	35.81	11.17	45.97	3-908
SSMCI - 12 - 12U	3/4	1-1/16-12	15.74	1-1/4	1-1/8	24.38	21.84	38.86	14.98	49.02	3-912
SSMCI - 16 - 12U	1	1-1/16-12	16.76	1-3/8	1-1/2	31.24	26.41	41.14	14.98	53.34	3-912
SSMCI - 16 - 16U	1	1-5/16-12	22.35	1-1/2	1-1/2	31.24	26.41	42.16	14.98	54.35	3-916

Connects Metric Tubes To SAE/MS Straight Thread Boss

Part No.	Tube O.D. D	Straight Thread T (U)	d Min	Width Across Flat		A	B	I	I1	L	O-Ring Uniform Size Number
				h	H						
SSMCI - 6M - 4U	6	7/16-20	4.8	14.3	14.3	15.2	17.7	26.7	9.1	34.0	3-904
SSMCI - 6M - 6U	6	9/16-18	4.8	17.4	14.3	15.2	17.7	28.2	9.9	35.5	3-906
SSMCI - 6M - 8U	6	3/4-16	4.8	22.2	14.3	15.2	17.7	30.2	11.2	37.5	3-908
SSMCI - 6M - 10U	6	7/8-14	4.8	25.4	14.3	15.2	17.7	33.3	12.7	40.6	3-910
SSMCI - 12M - 6U	12	9/16-18	7.1	20.6	22.2	22.8	21.8	29.0	9.9	39.1	3-906
SSMCI - 12M - 8U	12	3/4-16	9.5	22.2	22.2	22.8	21.8	31.8	11.2	41.9	3-908
SSMCI - 12M - 10U	12	7/8-14	9.5	25.4	22.2	22.8	21.8	34.8	12.7	44.9	3-910
SSMCI - 12M - 12U	12	1-1/16-12	9.5	31.7	22.2	22.8	21.8	38.9	15.0	49.0	3-912
SSMCI - 18M - 8U	18	3/4-16	10.6	27	28.6	24.3	21.8	35.8	11.2	45.9	3-908
SSMCI - 18M - 12U	18	1-1/16-12	15.1	34.9	28.6	24.3	21.8	38.9	15.0	49.0	3-912
SSMCI - 25M - 12U	25	1-1/16-12	16.7	34.9	38.1	31.2	26.4	41.1	15.0	53.3	3-912
SSMCI - 25M - 16U	25	1-5/16-12	21.8	38.1	38.1	31.2	26.4	42.2	15.0	54.3	3-916

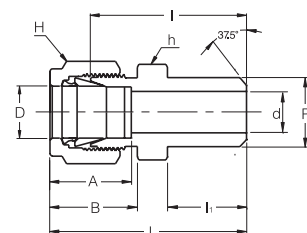
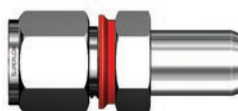
SPWCI

Male Pipe Weld Connector

Standard



I-Fitting



Connects Fractional Tubes To Pipe

Part No.	Tube O.D. D (inch)	Male Pipe Size(P)		d Min	Width Across Flat		A	B	I	I ₁	L
		Nom.	O.D.		h (inch)	H (inch)					
SPWCI - 4 - 2P	1/4	1/8	10.30	4.82	1/2	9/16	15.24	17.78	25.40	9.65	32.76
SPWCI - 4 - 4P	1/4	1/4	13.70	4.82	9/16	9/16	15.24	17.78	30.48	14.22	37.84
SPWCI - 6 - 4P	3/8	1/4	13.70	7.11	5/8	11/16	16.76	19.30	32.51	14.22	39.87
SPWCI - 6 - 6P	3/8	3/8	17.10	7.11	11/16	11/16	16.76	19.30	32.51	14.22	39.87
SPWCI - 6 - 8P	3/8	1/2	21.30	7.11	7/8	11/16	16.76	19.30	38.86	19.05	46.22
SPWCI - 8 - 6P	1/2	3/8	17.10	10.41	13/16	7/8	22.86	21.84	33.27	14.22	43.43
SPWCI - 8 - 8P	1/2	1/2	21.30	10.41	7/8	7/8	22.86	21.84	38.86	19.05	49.02
SPWCI - 12 - 12P	3/4	3/4	26.67	15.74	1-1/16	1-1/18	24.38	21.84	40.38	19.05	50.54
SPWCI - 16 - 16P	1	1	33.40	22.35	1-3/8	1-1/2	31.24	26.41	50.03	23.87	62.23

Connects Metric Tubes To Pipe

Part No.	Tube O.D. D	Male Pipe Size(P)		d Min	Width Across Flat		A	B	I	I ₁	L
		Nom.	O.D.		h	H					
SPWCI - 6M - 2P	6	1/8	10.3	4.8	14	14	15.3	17.7	25.4	9.7	32.8
SPWCI - 6M - 4P	6	1/4	13.7	4.8	14	14	15.3	17.7	30.5	14.2	37.9
SPWCI - 8M - 8P	8	1/2	21.3	6.4	22	16	16.2	18.6	38.1	19.0	45.6
SPWCI - 10M - 4P	10	1/4	13.7	7.1	18	19	17.2	19.5	33.3	14.2	40.9
SPWCI - 10M - 6P	10	3/8	17.1	7.9	18	19	17.2	19.5	33.3	14.2	40.9
SPWCI - 10M - 8P	10	1/2	21.3	7.9	22	19	17.2	19.5	38.9	19.0	46.5
SPWCI - 12M - 4P	12	1/4	13.7	7.1	22	22	22.8	22.0	33.3	14.2	43.4
SPWCI - 16M - 8P	16	1/2	21.3	12.7	24	25	24.4	22.0	38.9	19.0	49.0
SPWCI - 18M - 8P	18	1/2	21.3	13.5	27	30	24.4	22.0	40.4	19.0	50.5

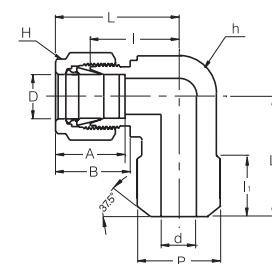
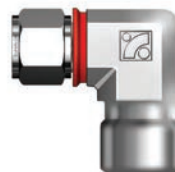
SMPWEI

Male Pipe Weld Elbow

Standard



I-Fitting



Connects Fractional Tubes To Pipe

Part No.	Tube O.D. D (inch)	Male Pipe Size(P)		d Min	Width Across Flat		A	B	I	I ₁	L	L ₁
		Nom.	O.D.		h (inch)	H (inch)						
SMPWEI - 4 - 4P	1/4	1/4	13.70	4.82	1/2	9/16	15.24	17.78	19.55	14.22	26.90	23.37
SMPWEI - 6 - 4P	3/8	1/4	13.70	7.11	5/8	11/16	16.76	19.30	23.11	14.22	30.48	25.40
SMPWEI - 8 - 8P	1/2	1/2	21.30	10.41	13/16	7/8	22.86	21.84	25.90	19.05	36.06	33.02

Connects Metric Tubes To Pipe

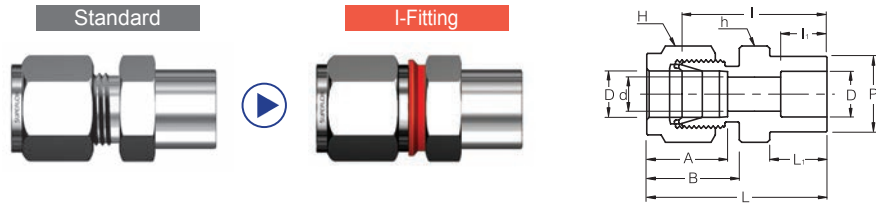
Part No.	Tube O.D. D	Male Pipe Size(P)		d Min	Width Across Flat		A	B	I	I ₁	L	L ₁
		Nom.	O.D.		h	H						
SMPWEI - 6M - 4P	6	1/4	13.70	4.8	12.7	14.3	15.2	17.7	19.6	14.2	26.9	23.4
SMPWEI - 12M - 8P	12	1/2	21.30	9.5	20.6	22.2	22.8	21.8	25.9	19.1	36.1	33.0

* All dimensions in millimeters unless specified as "inch". Dimension are for reference only, subject to change

106 * Any size not in the list is available upon request.

SSWCI

Tube Socket Weld Connector



Connects Fractional Tubes

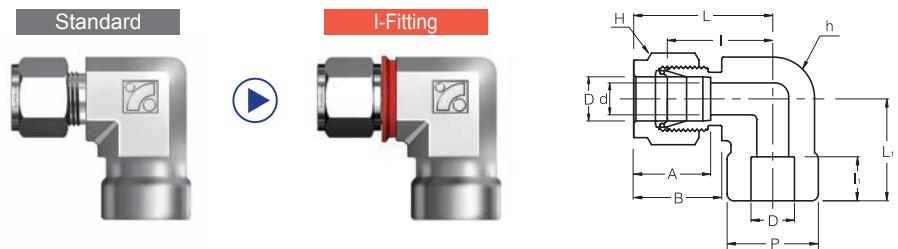
Part No.	Tube O.D. D (inch)	d Min	P	Width Across Flat		A	B	I	I ₁	L	L ₁
				h (inch)	H (inch)						
SSWCI - 4	1/4	4.82	11.17	1/2	9/16	15.24	17.78	26.16	7.87	33.52	10.41
SSWCI - 6	3/8	7.11	15.74	5/8	11/16	16.76	19.30	30.22	9.65	37.59	11.93
SSWCI - 8	1/2	10.41	19.05	13/16	7/8	22.86	21.84	30.98	12.70	41.14	11.93
SSWCI -12	3/4	15.74	26.67	1-1/16	1-1/8	24.38	21.84	33.27	14.22	43.43	11.93
SSWCI - 16	1	22.35	33.27	1-3/8	1-1/2	31.24	26.41	40.38	19.05	52.57	14.22

Connects Metric Tubes

Part No.	Tube O.D. D	d Min	P	Width Across Flat		A	B	I	I ₁	L	L ₁
				h	H						
SSWCI - 6M	6	4.8	11.17	12.7	14.3	15.2	17.7	26.2	7.9	33.5	10.4
SSWCI - 12M	12	9.5	19.05	20.6	22.2	22.8	21.8	31.0	12.7	41.1	11.9
SSWCI - 18M	18	15.1	26.67	27	28.6	24.3	21.8	33.3	14.2	43.4	11.9
SSWCI - 25M	25	21.8	33.27	34.9	38.1	31.2	26.4	40.4	19.1	52.6	14.2

SSWEI

Tube Socket Weld Elbow



Connects Fractional Tubes

Part No.	Tube O.D. D (inch)	d Min	P	Width Across Flat		A	B	I	I ₁	L	L ₁
				h (inch)	H (inch)						
SSWEI - 4	1/4	4.82	12.70	1/2	9/16	15.24	17.78	19.55	7.87	26.92	19.55
SSWEI - 6	3/8	7.11	15.75	5/8	11/16	16.76	19.30	23.11	9.65	30.48	23.11
SSWEI - 8	1/2	10.41	20.57	13/16	7/8	22.86	21.84	25.90	12.70	36.06	25.90
SSWEI - 12	3/4	15.74	26.92	1-1/16	1-1/8	24.38	21.84	29.71	14.22	39.87	29.71
SSWEI - 16	1	22.35	35.05	1-3/8	1-1/2	31.24	26.41	36.83	19.05	49.02	36.83

Connects Metric Tubes

Part No.	Tube O.D. D	d Min	P	Width Across Flat		A	B	I	I ₁	L	L ₁
				h	H						
SSWEI - 6M	6	4.8	12.70	12.7	14.3	15.2	17.7	19.6	7.9	26.9	19.6
SSWEI - 12M	12	9.5	20.57	20.6	22.2	22.8	21.8	25.9	12.7	36.1	25.9
SSWEI -18M	18	15.1	26.92	27	28.6	24.3	21.8	29.7	14.2	39.9	29.7
SSWEI - 25M	25	21.8	35.05	34.9	38.1	31.2	26.4	36.8	19.1	49.0	36.8

***i*-Fitting**

