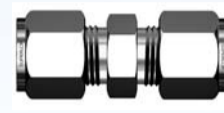


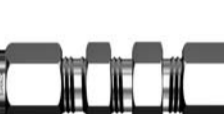




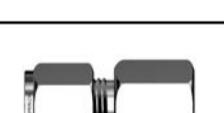




# SUPERLOK TUBE FITTINGS

## UNION

- SU**  
Union 
- SRU**  
Reducing Union 
- SBHRU**  
Bulkhead Reducing Union 
- SBHU**  
Bulkhead Union 

## CONNECTOR

- SMC**  
Male Connector 
- SGMC**  
Male Connector For Bonded Washer Seal 
- SOMC**  
Male Connector For Metal Gasket Seal 
- SFC**  
Female Connector 
- SGC**  
Gauge Connector 
- SBMC**  
Bulkhead Male Connector 
- SBFC**  
Bulkhead Female Connector 


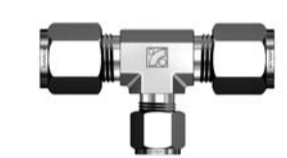

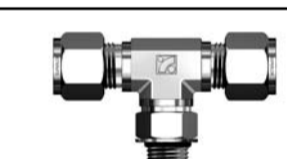
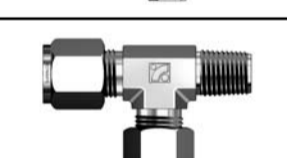

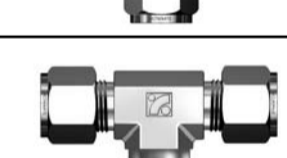
## ELBOWS

- SUE**  
Union Elbow 



## SME

- SME**  
Male Elbow 
- SHME**  
45° Male Elbow 
- SPHME**  
45° Positionable Male Elbow 
- SPME**  
Positionable Male Elbow 
- SFE**  
Female Elbow 

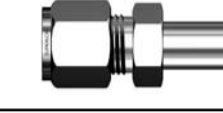

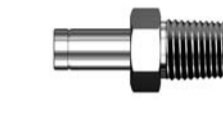


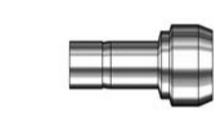
## TEE

- SUT**  
Union Tee 
- SRUT**  
Reducing Union Tee 
- SMBT**  
Male Branch Tee 
- SPMBT**  
Positionable Male Branch Tee 
- SMRT**  
Male Run Tee 
- SPMRT**  
Positionable Male Run Tee 
- SFBT**  
Female Branch Tee 




## SFRT

- SFRT**  
Female Run Tee 
- SUC**  
Union Cross 




## STUB TUBE CONNECTOR

- SR**  
Reducer 
- SBR**  
Bulkhead Reducer 
- SMA**  
Male Adapter 
- SFA**  
Female Adapter 
- SPC**  
Port Connector 
- SRPC**  
Reducing Port Connector 




## AN TUBE

- SAF**  
An Flare 
- SAU**  
An Union 
- SAA**  
An Adapter 



## O-RING SEAL

- SOSC**  
O-Seal Straight Thread Connector 
- SOPC**  
O-Seal Pipe Thread Connector 
- SSMC**  
SAE/MS Male Connector 




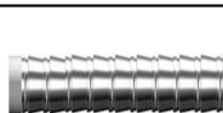


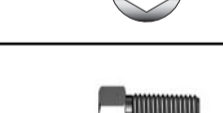
## WELD END

- SPWC**  
Male Pipe Weld Connector 
- SMPWE**  
Male Pipe Weld Elbow 
- SSWC**  
Socket Weld Connector 
- SSWE**  
Socket Weld Elbow 

## PLUG & CAP

- SP**  
Plug 
- SC**  
Cap 

## SPARE PART

- SN**  
Nut 
- SFF**  
Front Ferrule 
- SBF**  
Back Ferrule 
- SFS**  
Ferrule Set 
- SI**  
Insert 
- SBR**  
Bulkhead Retainer 
- SVP**  
Vent Protector 

## SUPERLOK INSTALLATION INSTRUCTION

### 1. Installation under 1 inch or 25MM

**SUPERLOK** Tube Fitting shall be delivered to customer with completely assembled state, so be ready to immediate use only with finger-tightening. Disassembling the product prior to use can be a cause of leakage or a cause of inflow something into the fitting's inside. Do not use for the poor quality tubes, which can be a cause of leakage or functional deterioration.

**SUPERLOK** Tube Fittings are installed in three easy steps:

#### Step 1

Insert the tubing into **SUPERLOK** Tube Fitting's inside. At this moment, make sure that the tubing is completely contact with the shoulder of fittings and then finger-tighten the nut.



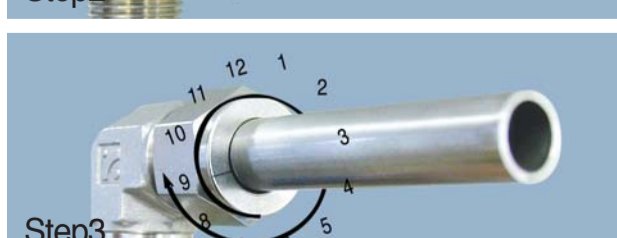
#### Step 2

Before tightening the **SUPERLOK** nut, mark the starting point of turning at the 6 o'clock position.



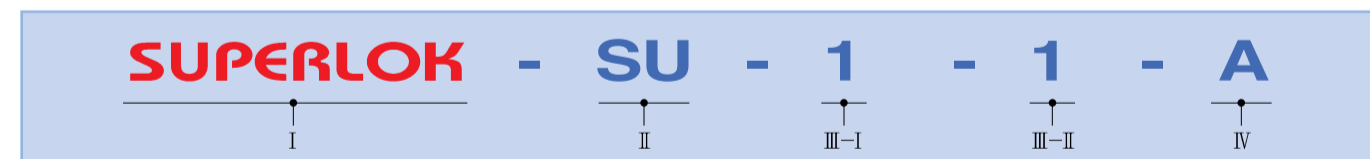
#### Step 3

Hold the fitting body safely with a backup wrench and tighten the nut 1-1/4 turns. (pay attention to the mark of starting point of turning, make one revolution and place at 9 o'clock position. Marking the starting point of turning at the 6 o'clock position will let you notice where the starting point is).



After 1-1/4 revolution, when the starting point is placed at 9 o'clock position, you can easily confirm and see that **SUPERLOK** Tube Fitting is installed accurately. After 1-1/4 revolution of the **SUPERLOK** nut by finger-tightening, make sure whether it is sufficiently tightened using by the Gap Inspection Gage.

## ORDERING INFORMATION



I: **SUPERLOK** Tube Fitting II: Fitting Type III: Fitting Size (III-I: Tube O.D. III-II: Pipe Thread Size or Tube Size) IV: Material

I : **SUPERLOK** Tube Fitting

II : Type of Fitting

**SU** : Union **SMC** : Male Connector **SUE** : Union Elbow **SUT** : Union Tee  
**SWC** : Weld connector **SR** : Reducer **SSMC** : SAE/MS O-Ring Male Connector **SAU** : An union **SP** : Plug

\* Referred to catalogue Index

III : Size of Fitting

III - I : Tube O.D

Fractional Tube	O.D (Inch)	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	2
Identify		1	2	3	4	5	6	8	10	12	14	16	20	24	32
Metric Tube	O.D (mm)	2	3	4	6	8	10	12	16	20	22	25	28	32	38
Identify		2M	3M	4M	6M	8M	10M	12M	16M	20M	22M	25M	28M	32M	38M

III - II : Pipe Thread Size or tube size

SIZE (INCH)	1/8	1/4	3/8	1/2	3/4	1	Applied Size
ISO TAPERED	2R	4R	6R	8R	12R	16R	JIS B0203(PT), DIN2999, BSPT
NPT	2N	4N	6N	8N	12N	16N	ANSI B1.20.1
ISO PARALLEL	2G	4G	6G	8G	12G	16G	JIS B0202(PF), ISO 228/1, BSPP
UNIFIED SCREW	2U	4U	6U	8U	12U	16U	AMERICAN STANDARD UNIFIED SCREW THREAD

IV : Material

MATERIAL	Aluminum (Use dash "-")	Brass and Copper (Use dash "-")	Carbon Steel ** (** : Refer to Alloy No.)	Stainless Steel*** (** : Refer to Alloy No.)	Monel Alloy 400	Inconel Alloy 600
Identify	A	B	C**	SS**	M	INC