



FITTINGS CATALOG

2016



BULKHEAD FITTINGS

PRODUCT APPLICATION

- Connects a tube or hose through wall or barrier.

ASSEMBLY INSTRUCTIONS

1. Remove jam nut if assembled.
2. Insert bulkhead through barrier
3. Finger tighten, then completely secure nut with wrench

INDUSTRY TERMS

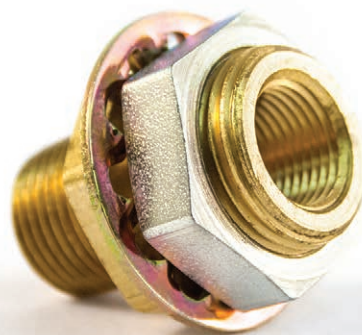
- Frame Couplings
- Terminal Bolts
- Anchor Bolts

PACKAGING AND ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Carton quantity available on many items by ordering with "C" suffix.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

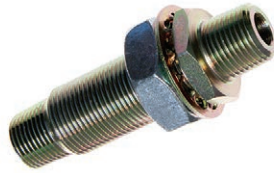
High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.



BULKHEAD FITTINGS



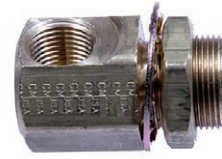
A



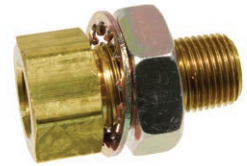
B - 55664



B - 55600



B - 55616



B - 55629

[A] ANCHOR FITTINGS FOR TUBING

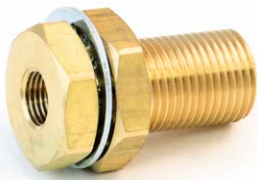
P/N	FEMALE PIPE	BODY THREAD	NTA TUBE	BODY HEX	LENGTH	MAX GRIP LENGTH
55608	3/8"-18 NPTF	7/8"-20 UNEF	1/2" O.D.	1-1/16"	1-15/16"	.305
55609	3/8"-18 NPTF	7/8"-20 UNEF	3/8" O.D.	1-1/16"	1-3/4"	.305

P/N	BODY	WASHER	NUT	NUT HEX	NUT WIDTH
55608	Brass	LW780 Steel	207-5 Brass	1.125	.28
55609	Brass	LW780 Steel	207-5 Brass	1.125	.28

[B] CLAMPING STUDS

P/N	FEMALE PIPE	BODY THREAD	MALE PIPE	BODY HEX	LENGTH	MAX GRIP LENGTH
55664	1/4"- 18 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	3- 15/16"	1.597
55600	1/4"- 18 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	2- 7/8"	.535
55600STL	1/4"- 18 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	2- 7/8"	.535
55600-BN	1/4"- 18 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	2- 7/8"	.715
55616	3/8"-18 NPTF	7/8"- 20 UNEF	N/A	1-1/8"	2- 3/8"	.465
55629	1/2"-14 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	2- 3/8"	.285
55629-BN	1/2"-14 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	2- 3/8"	.465
S664	1/4"- 18 NPTF	1"- 14 UNS	1/2"- 14 NPTF	1-1/4"	3- 15/16"	1.597

P/N	BODY	WASHER	NUT	NUT HEX	NUT WIDTH
55664	Steel	Steel LW100	Steel JN114W	1.46	.55
55600	Brass	Steel LW100	Steel JN114W	1.46	.55
55600STL	Steel	Steel LW100	Steel JN114W	1.46	.55
55600-BN	Brass	Steel LW100	Brass 207-6	1.25	.37
55616	Brass	Steel LW100	Brass 207-6	1.125	.28
55629	Brass	Steel LW100	Steel JN114W	1.46	.55
55629-BN	Brass	Steel LW100	Brass 207-6	1.25	.37
S664	Steel	Steel LW100	Steel JN114W	1.46	.55



55207



55611



55661



55607



55807

[C] ANCHOR FITTINGS

P/N	FEMALE PIPE	BODY THREAD	BODY HEX	LENGTH	MAX GRIP LENGTH
55207	1/8" - 27 NPTF	5/8" - 18 UNF	7/8"	1-1/2"	.90
55611	1/4" - 18NPTF	3/4" - 16 UNF	1"	15/16"	.28
55611-SN	1/4" - 18 NPTF	3/4" - 16 UNF	1"	15/16"	.24
55611STL	1/4" - 18 NPTF	3/4" - 16 UNF	1"	15/16"	.39
55661	1/4" - 18NPTF	3/4" - 16 UNF	1"	1-1/2"	.80
55661-BN	1/4" - 18NPTF	3/4" - 16 UNF	1"	1-1/2"	.84
55661STL	1/4" - 18NPTF	3/4" - 16 UNF	1"	1-1/2"	.80
55607	3/8" - 18 NPTF	1" - 14 UNS	1-1/8"	1-5/16"	.47
55607-BN	3/8" - 18 NPTF	1" - 14 UNS	1-1/8"	1-5/16"	.65
55607STL	3/8" - 18 NPTF	1" - 14 UNS	1-1/8"	1-5/16"	.47
55806*	1/2" - 18 NPTF	1-1/8" - 14 UNS	1-1/4"	1-1/2"	.84
55807	1/2" - 14 NPTF	1-1/8" - 14 UNS	1-1/4"	1-1/2"	.84
S611	1/4" - 18NPTF	3/4" - 16 UNF	1"	15/16"	.28

P/N	BODY	WASHER	NUT	NUT HEX	NUT WIDTH
55207	Brass	Steel **	Brass 55207N	.94	.31
55611	Brass	Steel LW340	Brass 207-4	1.00	.37
55611-SN	Brass	Steel LW340	Steel JN3416W	1.10	.41
55611STL	Steel	Steel LW340	Brass 55611STLN	1.00	.26
55661	Brass	Steel LW340	Steel JN3416W	1.10	.41
55661-BN	Brass	Steel LW340	Brass 207-4	1.00	.37
55661STL	Steel	Steel LW340	Steel JN3416W	1.10	.41
55607	Brass	Steel LW100	Steel JN114W	1.46	.55
55607-BN	Brass	Steel LW100	Brass 207-6	1.25	.37
55607STL	Steel	Steel LW100	Steel JN114W	1.46	.55
55806*	Brass	Steel LW100	Brass 207-5	1.37	.37
55807	Brass	Steel LW100	Brass 207-5	1.37	.37
S611	Brass	Steel LW340	Brass 207-4	1.00	.37

* 3/8" Female Pipe ** Consult Factory for Details

BULKHEAD FITTINGS



55615

55620

55646

55612

55689

55613-BN

[D] CLAMPING STUDS

P/N	FEMALE PIPE	BODY THREAD	MALE PIPE	BODY HEX	LENGTH	MAX GRIP LENGTH
55615	1/4" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-29/32"	.31
55615-BN	1/4" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-29/32"	.49
55620	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-11/16"	.28
55620-SN6	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-11/16"	.40
55620STL	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-11/16"	.10
55646	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-29/32"	.31
55646-BN	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-29/32"	.49
55646STL	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-29/32"	.31
55612STL	1/4" - 18 NPTF	3/4" - 16 UNF	1/2" - 14 NPTF	1-1/4"	1-11/16"	.24
55689STL	1/4" - 18 NPTF	3/4" - 16 UNF	1/2" - 14 NPTF	1-1/4"	2-5/32"	.07
55613	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-7/8"	.29
55613-BN	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-7/8"	.47
S615	1/4" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-29/32"	.31
S620	3/8" - 18 NPTF	1" - 14 UNS	1/2" - 14 NPTF	1-1/4"	1-11/16"	.28

P/N	BODY	WASHER	NUT	NUT HEX	NUT WIDTH
55615	Brass	Steel LW100B	Steel JN114W	1.46	.55
55615-BN	Brass	Steel LW100B	Brass 207-6	1.25	.37
55620	Brass	Steel LW100B	Brass 207-6	1.25	.37
55620-SN6	Brass	Steel LW100B	Steel 207-6STL	1.25	.25
55620STL	Steel	Steel LW100B	Steel JN114W	1.46	.55
55646	Brass	Steel LW100B	Steel JN114W	1.46	.55
55646-BN	Brass	Steel LW100B	Brass 207-6	1.25	.37
55646STL	Steel	Steel LW100B	Steel JN114W	1.46	.55
55612STL	Steel	Steel LW340B	Steel JN 3416W	1.10	.41
55689STL	Steel	Steel LW340B	Steel JN 3416W	1.10	.41
55613	Brass	Steel LW100B	Steel JN114W	1.46	.55
55613-BN	Steel	Steel LW100B	Brass 207-6	1.25	.37
S615	Brass	Steel LW100B	Steel JN114W	1.46	.55
S620	Brass	Steel LW100B	Brass 207-6	1.25	.37



[A] LOCK WASHERS

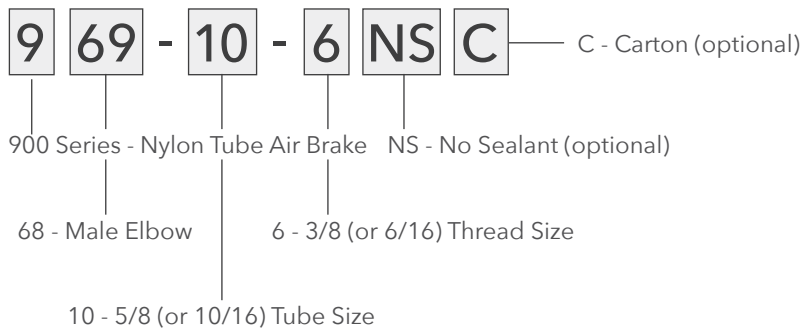
P/N	I.D. SIZE	MATERIAL
LW1125	1-1/8"	Steel
LW100	1"	Steel
LW780	7/8"	Steel
LW340	3/4"	Steel

[B] JAM NUTS

P/N	MATERIAL	NUT WIDTH	NUT HEX	THREAD
JN114W	Steel	.55	1.46	1" - 14 UNS
JN3416W	Steel	.41	1.10	3/4" - 16 UNF
207-8	Brass	.37	1.375	1-1/8" - 14 UNS
207-6	Brass	.38	1.250	1" - 14 UNS
207-4	Brass	.37	1.100	3/4" - 16 UNF
207-5	Brass	.28	1.125	7/8" - 20 UNF
207-6STL	Steel	.25	1.250	1" - 14 UNS
207-6HDSTL	HD Steel	.38	1.375	1" - 14 UNS

NYLON TUBE AIR BRAKE FITTINGS

EXAMPLE PART NUMBER: 968-10-6NSC



NOTE: All Nylon Tube Air Brake fittings come standard with thread sealant in bag quantities unless noted otherwise. All other fittings require the "V" suffix to indicate thread sealant requested.

FITTING SHAPES

NO.	DESCRIPTION	EXAMPLE
60	Sleeve or Ferrule	ex) 960-8
61	Nut	ex) 961-8
62	Straight Union	ex) 963-8
64	Union Tee	ex) 964-8
65	Union Elbow	ex) 965-8
66	Straight Female	ex) 966-8
68	Straight Male	ex) 968-8
69	Male Elbow	ex) 969-8
70	Female Elbow	ex) 970-8
71	Male Run Tee	ex) 971-8
72	Male Branch Tee	ex) 972-8
74	Bulkhead Union	ex) 974-8
80	45° Elbow	ex) 980-8
84	Inserts	ex) 984-8

TUBE & PIPE THREAD SIZES

SIZE	PSI	TUBE WALL
2 = 1/8" (2/16")	2800	.030
3 = 3/16" (3/16")	1900	.030
4 = 1/4" (4/16")	1400	.030
5 = 5/16" (5/16")	1200	.032
6 = 3/8" (6/16")	1000	.032
8 = 1/2" (8/16")	750	.032
10 = 5/8" (10/16")	650	.035
12 = 3/4" (12/16")	550	.035

NOTE: Sizes are determined by the number of sixteenths of an inch.



SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

WORKING PRESSURE

Working pressure up to 150 psi.

CONTENT

Machined from brass.

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely - maximum of 15° angle allowable.
2. Check that port of mating part is clean and free of debris.
3. Insert tubing into fitting until it bottoms on the seat.
4. Tighten nut with wrench until one thread remains visible on the fitting body (this will allow for a number of remakes) or until the nut may be screwed down finger tight, the wrench-tightened.

INDUSTRY STANDARDS

Made to SAE J246 dimensions.

TEMPERATURE RANGE

From -40°F to +200°F

SUFFIXES

C = Carton V = Thread Sealant NS = No Sealant PS = Swing Away Swivel

PRODUCT APPLICATIONS

Use with SAE J844 nylon air braked tubing in air brake systems or in-cab air controls.

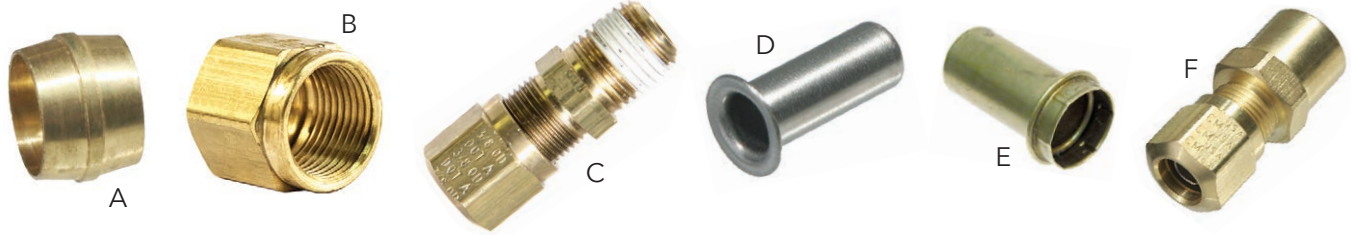
PACKAGING AND ORDERING OPTIONS

1. Fittings should be ordered individually by part number.
2. Thread sealant is standard on all male pipe threads.
3. To order fittings without sealant, place suffix "NS" on the end of the part number.
4. Carton quantity available on many items by ordering with "C" suffix.
5. Consult current price sheet for bag and carton quantity details.

NOTE: Dimensions and configurations subject to change without notice.



NYLON TUBE AIR BRAKE FITTINGS



[A] NYLON TUBE SLEEVE

TS P/N	TUBE
S760AB-3	3/16
S760AB-4	1/4
S760AB-6	3/8
S760AB-8	1/2
S760AB-10	5/8
S760AB-12	3/4

[B] NYLON TUBE NUT

TS P/N	TUBE
S761AB-4	1/4
S761AB-6	3/8
S761AB-8	1/2
S761AB-10	5/8
S761AB-12	3/4

[C] MALE CONNECTOR

TS P/N	TUBE	PIPE
S768AB-4-2V	1/4	1/8
S768AB-4-4V	1/4	1/4
S768AB-4-6V	1/4	3/8
S768AB-6-2V	3/8	1/8
S768AB-6-4V	3/8	1/4
S768AB-6-6V	3/8	3/8
S768AB-6-8V	3/8	1/2
S768AB-8-4V	1/2	1/4
S768AB-8-6V	1/2	3/8
S768AB-8-8V	1/2	1/2
S768AB-10-6V	5/8	3/8
S768AB-10-8V	5/8	1/2
S768AB-10-12V	5/8	3/4
S768AB-12-8V	3/4	1/2
S768AB-12-12V	3/4	3/4

[D] TUBE SUPPORT

Stainless Steel, Drop-In Style

TS P/N	TUBE
S763AB-4	1/4
S763AB-6	3/8
S763AB-8	1/2
S763AB-10	5/8
S763AB-12	3/4

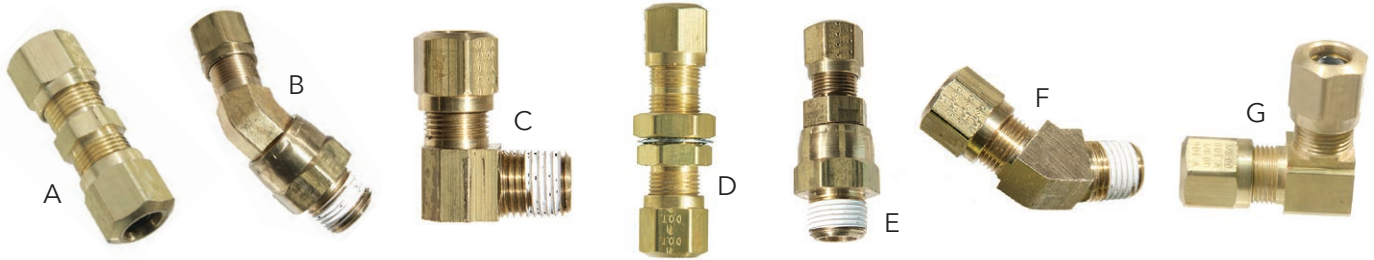
[E] TUBE SUPPORT

Brass, Push-In Style

P/N	TUBE
984-4W	1/4
984-6W	3/8
984-8W	1/2
984-10W	5/8
984-12W	3/4

[F] FEMALE CONNECTOR

TS P/N	TUBE	PIPE
S766AB-4-2	1/4	1/8
S766AB-4-4	1/4	1/4
S766AB-6-2	3/8	1/8
S766AB-6-4	3/8	1/4
S766AB-6-6	3/8	3/8
S766AB-8-6	1/2	3/8
S766AB-8-6	1/2	1/2
S766AB-10-6	1/2	3/8
S766AB-10-8	5/8	1/2



[A] UNION

TS P/N	TUBE
S762AB-4	1/4
S762AB-6	3/8
S762AB-8	1/2
S762AB-10	5/8
S762AB-12	3/4

[B] SWING-AWAY SWIVEL 45° ELBOW

TS P/N	TUBE	PIPE
55286	3/8	3/8
55287	1/2	3/8

[C] MALE ELBOW

TS P/N	TUBE	PIPE
S769AB-4-2V	1/4	1/8
S769AB-4-4V	1/4	1/4
S769AB-4-6V	1/4	3/8
S769AB-6-2V	3/8	1/8
S769AB-6-4V	3/8	1/4
S769AB-6-4LV*	3/8	1/4
S769AB-6-6V	3/8	3/8
S769AB-6-8V	3/8	1/2
S769AB-8-4V	1/2	1/4
S769AB-8-6V	1/2	3/8
S769AB-8-6LV*	1/2	3/8
S769AB-8-8V	1/2	1/2
S769AB-10-6V	5/8	3/8
S769AB-10-8V	5/8	1/2
S769AB-10-12V	5/8	3/4
S769AB-12-8V	3/4	1/2
S769AB-12-12V	3/4	3/4

* Indicates Longer Body than Standard Part

[D] BULKHEAD UNION

TS P/N	TUBE
S774AB-4	1/4
S774AB-6	3/8
S774AB-8	1/2

[E] SWING-AWAY SWIVEL MALE CONNECTOR

TS P/N	TUBE	PIPE
55243	3/8	3/8
55244	1/2	3/8

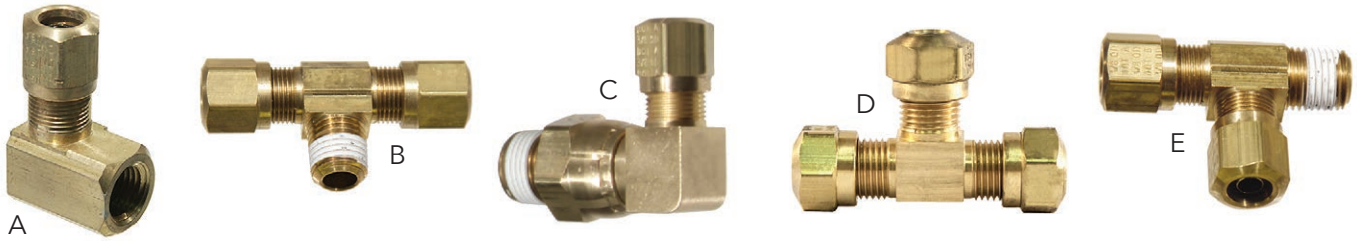
[F] 45° ELBOW

TS P/N	TUBE	PIPE
S779AB-4-2V	1/4	1/8
S779AB-4-4V	1/4	1/4
S779AB-6-2V	3/8	1/8
S779AB-6-4V	3/8	1/4
S779AB-6-6V	3/8	3/8
S779AB-6-8V	3/8	1/2
S779AB-8-4V	1/2	1/4
S779AB-8-6V	1/2	3/8
S779AB-8-8V	1/2	1/2
S779AB-10-6V	5/8	3/8
S779AB-10-8V	5/8	1/2
S779AB-12-8V	3/4	1/2

[G] UNION ELBOW

TS P/N	TUBE
S765AB-4	1/4
S765AB-6	3/8
S765AB-8	1/2
S765AB-10	5/8

NYLON TUBE AIR BRAKE FITTINGS



[A] FEMALE ELBOW

TS P/N	TUBE	PIPE THREAD
S770AB-4-2	1/4	1/8
S770AB-4-4	1/4	1/4
S770AB-6-2	3/8	1/8
S770AB-6-4	3/8	1/4
S770AB-6-6	3/8	3/8
S770AB-8-6	1/2	3/8
S770AB-8-8	1/2	1/2
S770AB-10-8	5/8	1/2

[D] UNION TEE

TS P/N	TUBE A	TUBE B	TUBE C
S764AB-4	1/4	1/4	1/4
S764AB-4-4-6	1/4	1/4	3/8
S764AB-6	3/8	3/8	3/8
S764AB-6-6-4	3/8	3/8	1/4
S764AB-8-6-8	1/2	3/8	1/2
S764AB-8-8-6	1/2	1/2	3/8
S764AB-8	1/2	1/2	1/2
S764AB-10	5/8	5/8	5/8

[B] MALE BRANCH TEE

TS P/N	TUBES	PIPE THREAD
S772AB-4-2V	1/4	1/8
S772AB-4-4V	1/4	1/4
S772AB-6-4V	3/8	1/4
S772AB-6-2V	3/8	1/8
S772AB-6-6V	3/8	3/8
S772AB-8-4V	1/2	1/4
S772AB-8-6V	1/2	3/8
S772AB-8-8V	1/2	1/2
S772AB-10-8V	5/8	1/2

[E] MALE RUN TEE

TS P/N	TUBES	PIPE THREAD
S771AB-4-2V	1/4	1/8
S771AB-4-4V	1/4	1/4
S771AB-6-4V	3/8	1/4
S771AB-6-6V	3/8	3/8
S771AB-8-6V	1/2	3/8
S771AB-8-4V	1/2	1/4
S771AB-8-8V	1/2	1/2
S771AB-10-8V	5/8	1/2

[C] SWING-AWAY SWIVEL MALE 90° ELBOW

TS P/N	TUBE	PIPE THREAD
55290	3/8	3/8
55291	1/2	3/8

BRASS PIPE FITTINGS

PRODUCT APPLICATION

- For use with brass, copper, or iron pipe.
- For use in water, grease, fuels, LP and natural gases, refrigeration, instrumentation and hydraulic systems.
- Designed for low and medium pressure pipe line connections.

TEMPERATURE RANGE

From -65°F to +250°F

CONTENT

Machined from Brass

ASSEMBLY INSTRUCTIONS

1. Tighten approximately 1 1/2 turns past hand tight.
2. Always orient shapes (elbows, tees, etc.) by turning clockwise – never by backing the fittings out.

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Order fittings with sealant by placing a "V" on the end of the part number.
- Carton quantity available on many items by ordering with "C" suffix.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

- NOTES:**
- Dimensions and configurations are subject to change without notice.
 - Light Pattern fittings have reduced dimensions - Non-SAE
 - As of January 1, 2014 Tramec Sloan is not legal for potable water applications, per Federal Reduction of Lead in Drinking Water Act of 2011

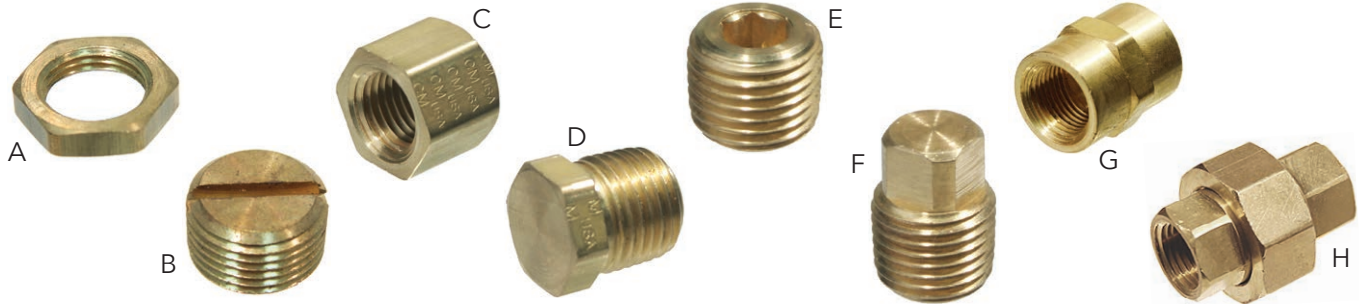
TUBE & PIPE THREAD SIZES

SIZE	PSI	TUBE WALL
2 = 1/8" (2/16")	2800	.030
3 = 3/16" (3/16")	1900	.030
4 = 1/4" (4/16")	1400	.030
5 = 5/16" (5/16")	1200	.032
6 = 3/8" (6/16")	1000	.032
8 = 1/2" (8/16")	750	.032
10 = 5/8" (10/16")	650	.035
12 = 3/4" (12/16")	550	.035

NOTE: Sizes are determined by the number of sixteenths of an inch.



BRASS PIPE FITTINGS



[A] PIPE LOCK NUT

P/N	PIPE THREAD
210-2	1/8
210-4	1/4
210-6	3/8
210-8	1/2

[B] SLOTTED PIPE PLUG

TS P/N	PIPE THREAD
S220P-2	1/8
S220P-4	1/4
S220P-6	3/8

[C] PIPE CAP

TS P/N	PIPE THREAD
S213-2	1/8
S213-4	1/4
S213-6	3/8
S213-8	1/2
S213-12	3/4

[D] HEX-HEAD PIPE PLUG - HOLLOW CORE

TS P/N	PIPE THREAD
SPPH-2	1/8
SPPH-4	1/4
SPPH-6	3/8
SPPH-8	1/2
SPPH-12	3/4

[E] HEX COUNTERSINK PIPE PLUG

TS P/N	PIPE THREAD
S219P-2	1/8
S219P-4	1/4
S219P-6	3/8
S219P-8	1/2
S219P-12	3/4

[F] SQUARE-HEAD PIPE PLUG - CORED

TS P/N	PIPE THREAD
S211-2	1/8
S211-4	1/4
S211-6	3/8
S211-8	1/2
S211-12	3/4
S211-16	1"

[G] FEMALE PIPE COUPLING

TS P/N	PIPE THREADS
S207-2	1/8
S207-4	1/4
S207-6	3/8
S207-8	1/2
S207-12	3/4

[G] FEMALE PIPE COUPLING

Light Pattern - Non SAE

P/N	PIPE THREADS
63300-2	1/8
63300-4	1/4
63300-6	3/8
63300-8	1/2
63300-12	3/4

[H] FEMALE PIPE UNION

TS P/N	PIPE THREAD
S104-2	1/8
S104-4	1/4
S104-6	3/8
S104-8	1/2
S104-12	3/4



[A] PIPE ADAPTER

TS P/N	FEMALE PIPE	MALE PIPE
S120-2	1/8	1/8
S120-4	1/4	1/4
S120-4-2	1/4	1/8
S120-6	3/8	3/8
S120-6-2	3/8	1/8
S120-6-4	3/8	1/4
S120-8	1/2	1/2
S120-8-4	1/2	1/4
S120-8-6	1/2	3/8
S120-12	3/4	3/4
S120-12-6	3/4	3/8
S120-12-8	3/4	1/2

[B] PIPE REDUCER BUSHING

TS P/N	MALE PIPE	FEMALE PIPE
SPRB-4-2	1/4	1/8
SPRB-6-2	3/8	1/8
SPRB-6-4	3/8	1/4
SPRB-8-2	1/2	1/8
SPRB-8-4	1/2	1/4
SPRB-8-6	1/2	3/8
SPRB-12-2	3/4	1/8
SPRB-12-4	3/4	1/4
SPRB-12-6	3/4	3/8
SPRB-12-8	3/4	1/2
SPRB-16-12	1	3/4

[A] PIPE ADAPTER

Light Pattern - Non SAE

P/N	MALE PIPE	FEMALE PIPE
63200-2	1/8	1/8
63200-4	1/4	1/4
63200-4-2	1/4	1/8
63200-6	3/8	3/8
63200-6-2	3/8	1/8
63200-6-4	3/8	1/4
63200-8	1/2	1/2
63200-8-4	1/2	1/4
63200-8-6	1/2	3/8
63200-12-8	3/4	1/2

[B] PIPE REDUCER BUSHING

Light Pattern - Non SAE

P/N	MALE PIPE	FEMALE PIPE
63220-8-2	1/2	1/8
63220-12-8	3/4	1/2
63220-16-12	1	3/4

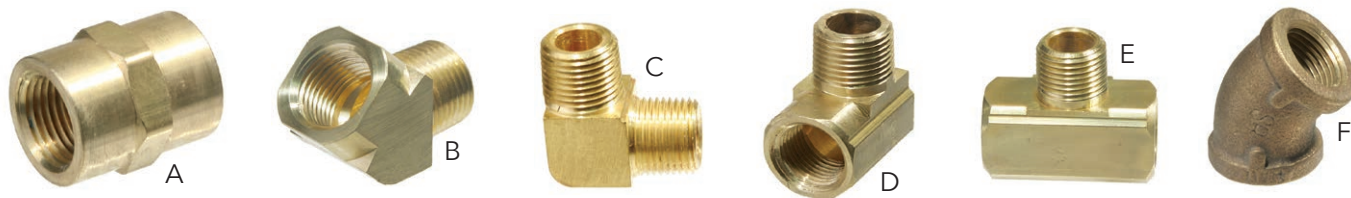
[C] STEEL SQUARE-HEAD PLUG

P/N	PIPE
73151-12STLV	3/4" Square-Head Plug w/ Thread Sealant

[D] STEEL PIPE REDUCER BUSHING

P/N	PIPE
73220-12-8STLV	3/4" x 1/2" Pipe Reducer Bushing w/ Sealant

BRASS PIPE FITTINGS



[A] FEMALE PIPE REDUCER COUPLING

TS P/N	PIPE THREADS
S119-4-2	1/4 & 1/8
S119-6-2	3/8 & 1/8
S119-6-4	3/8 & 1/4
S119-8-2	1/2 & 1/8
S119-8-4	1/2 & 1/4
S119-8-6	1/2 & 3/8
S119-12-8	3/4 & 1/2

[D] STREET ELBOW 90°

TS P/N	FEMALE PIPE	MALE PIPE
S202-2	1/8	1/8
S202-4	1/4	1/4
S202-4-2	1/4	1/8
S202-6	3/8	3/8
S202-8-6	1/2	3/8
S202-8	1/2	1/2
S202-12	3/4	3/4

[A] FEMALE PIPE REDUCER COUPLING

Light Pattern - Non SAE

P/N	PIPE THREADS
63300-4-2	1/4 & 1/8
63300-6-4	3/8 & 1/4
63300-8-2	1/2 & 1/8
63300-8-4	1/2 & 1/4
63300-8-6	1/2 & 3/8

[D] STREET ELBOW 90°

Light Pattern - Non SAE

P/N	FEMALE PIPE	MALE PIPE
63400-2	1/8	1/8
63400-4	1/4	1/4
63400-4-2	1/4	1/8
63400-6	3/8	3/8
63400-8	1/2	1/2
63400-12	3/4	3/4

[B] STREET ELBOW 45°

TS P/N	PIPE THREAD
S224-2	1/8
S224-4	1/4
S224-6	3/8
S224-8	1/2
S224-12	3/4

[E] MALE BRANCH TEE

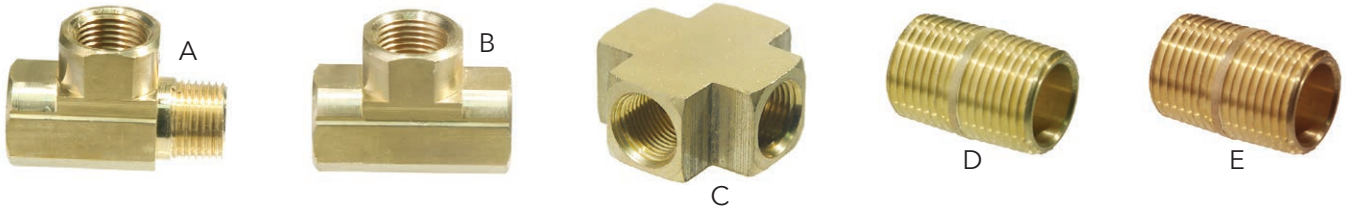
TS P/N	TUBES	PIPE
S226-2	1/8	1/8
S226-4	1/4	1/4
S226-6	3/8	3/8
S226-8	1/2	1/2
S226-12	3/4	3/4

[C] MALE PIPE ELBOW 90°

P/N	PIPE THREADS
73455-2	1/8
73455-4	1/4
73455-6	3/8
73455-6-4	3/8 & 1/4
73455-8	1/2

[F] FEMALE PIPE ELBOW 45°

P/N	PIPE THREAD
73355-2	1/8
73355-4	1/4
73355-6	3/8
73355-8	1/2
73355-12	3/4



[A] PIPE STREET TEE

TS P/N	FEMALE PIPE 1	FEMALE PIPE 2	MALE PIPE
S225-2	1/8	1/8	1/8
S225-4	1/4	1/4	1/4
S225-6	3/8	3/8	3/8
225-6-6-4	3/8	1/4	3/8
S225-8	1/2	1/2	1/2

[B] PIPE TEE

TS P/N	PIPE THREAD
S203-2	1/8
S203-4	1/4
S203-6	3/8
S203-8	1/2
S203-12	3/4

[D] CLOSE PIPE NIPPLE - YELLOW BRASS

TS P/N	PIPE THREAD
S215-2	1/8
S215-4	1/4
S215-6	3/8
S215-8	1/2
S215-12	3/4

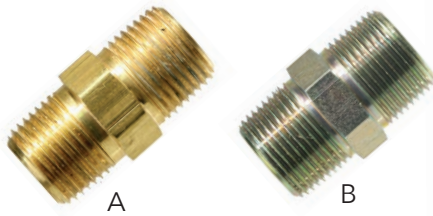
[C] FEMALE PIPE CROSS

TS P/N	PIPE THREAD
S102-2	1/8
S102-4	1/4
S102-6	3/8
S102-8	1/2
S102-12	3/4

[E] CLOSE PIPE NIPPLE - RED BRASS

P/N	PIPE THREAD
73326R-02	1/8
73326R-04	1/4
73326R-06	3/8
73326R-08	1/2
73326R-12	3/4
73326R-16	1
73326R-20	1-1/4
73326R-24	1-1/2
73326R-32	2

BRASS PIPE FITTINGS



[A] BRASS HEX NIPPLES

Straight & Reducing

TS P/N	PIPE THREADS
SPHN-2	1/8
SPHN-4	1/4
SPHN-4-2	1/4 & 1/8
SPHN-6	3/8
SPHN-6-2	3/8 & 1/8
SPHN-6-4	3/8 & 1/4
SPHN-8	1/2
SPHN-8-4	1/2 & 1/4
SPHN-8-6	1/2 & 3/8
SPHN-12	3/4
SPHN-12-8	3/4 & 1/2

[B] STEEL HEX NIPPLES

Straight & Reducing

TS P/N	PIPE THREADS
HPHN-6-4	3/8 & 1/4
HPHN-8-6	1/2 & 3/8
HPHN-8-8	1/2
HPHN-12-12	3/4
HPHN-12-8	3/4 & 1/2

[A] BRASS HEX NIPPLES

Straight & Reducing - Light Pattern - Non SAE

P/N	PIPE THREADS
63325-2	1/8
63325-4	1/4
63325-4-2	1/4 & 1/8
63325-6	3/8
63325-6-4	3/8 & 1/4
63325-8	1/2
63325-8-4	1/2 & 1/4
63325-8-6	1/2 & 3/8
63325-12	3/4
63325-12-8	3/4 & 1/2

[C] LONG BRASS NIPPLES*

TS P/N	LENGTH	PIPE
S113-02-1.5-R	1 1/2	1/8
S113-04-1.5-R	1 1/2	1/4
S113-06-1.5-R	1 1/2	3/8
S113-08-1.5-R	1 1/2	1/2
S113-02-2-R	2	1/8
S113-04-2-R	2	1/4
S113-06-2-R	2	3/8
S113-08-2-YL	2	1/2
S113-12-2-R	2	3/4
S113-02-2.5-R	2 1/2	1/8
S113-04-2.5-R	2 1/2	1/4
S113-06-2.5-R	2 1/2	3/8
S113-08-2.5-R	2 1/2	1/2
S113-12-2.5-R	2 1/2	3/4
S113-02-3-R	3	1/8
S113-04-3-R	3	1/4
S113-06-3-R	3	3/8
S113-08-3-R	3	1/2
S113-02-3.5-R	3 1/2	1/8
S113-04-3.5-R	3 1/2	1/4
S113-06-3.5-R	3 1/2	3/8

*Also Available in Red Brass. Please consult factory.

RUBBER HOSE AIR BRAKE FITTINGS

PRODUCT APPLICATION

- For use with SAE J1402 air brake hose in making hose assemblies.

ADVANTAGES

- Only for use on J1402 Type A air hose.
- Easy to put together with many different types of hose end configurations.
- Brass helps to resist corrosion.
- Available in a wide variety of configurations and sizes.

CONTENT

- Machined from Brass
- Springs machined from Steel plated

TEMPERATURE RANGE

From -40°F to +200°F

WORKING PRESSURE

Working pressure of up to 225 PSI

ASSEMBLY INSTRUCTIONS

1. Slide nut onto hose.
2. Slide sleeve onto hose with tapered edge toward fitting body.
3. Firmly bottom the hose into fittings.
4. Screw nut onto body until it contacts the fitting body's hex.

NOTE: When putting together fitting, body and nut should be inspected. Should only be reused if in proper condition. Never reuse sleeves.

INDUSTRY STANDARDS

Air brake hose ends will meet D.O.T. FMVSS 571.106 standards when used with SAE J1402 Type A air hose.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Order fittings with sealant by placing a "V" on the end of the part number.
- Carton quantity available on many items by ordering with "C" suffix.
- Consult current price sheet for carton quantity details.

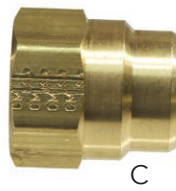
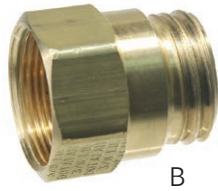
SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Dimensions and configurations subject to change without notice.



RUBBER HOSE AIR BRAKE FITTINGS



[A] HOSE SLEEVE

TS P/N	HOSE
S360AB-6	3/8
S360AB-8	1/2

[C] HOSE NUT

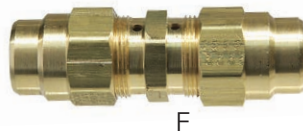
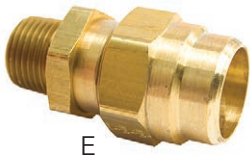
TS P/N	HOSE
S361AB-6	3/8
S361AB-8	1/2

[B] NUT FOR SPRING GUARD

TS P/N	HOSE
S361ABS-6	3/8
S361ABS-8	1/2

[D] UNION - BODY ONLY

TS P/N	HOSE
B362RB-6	3/8
B362RB-8	1/2



[E] MALE CONNECTOR

TS P/N	HOSE	PIPE
S368AB-6-4	3/8	1/4
S368AB-6	3/8	3/8
S368AB-6-8	3/8	1/2
S368AB-8-6	1/2	3/8
S368AB-8-8	1/2	1/2

[G] MALE CONNECTOR - BODY ONLY

TS P/N	HOSE	PIPE
S368AB-6-4-1	3/8	1/4
S368AB-6-6-1	3/8	3/8
S368AB-6-8-1	3/8	1/2
S368AB-8-6-1	1/2	3/8
S368AB-8-8-1	1/2	1/2

[F] UNION - COMPLETE

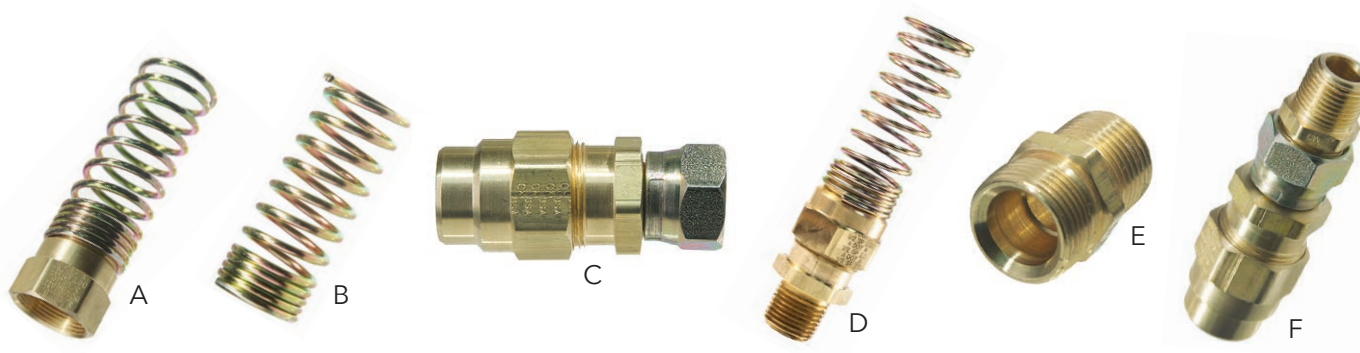
TS P/N	HOSE
S362RB-6	3/8
S362RB-8	1/2

[H] FEMALE SWIVEL - BODY ONLY

TS P/N	HOSE	STR THREAD
B366RBSV-634	3/8	3/4-20
B366RBSV-878	1/2	7/8-20

NOTE: Use with SAE J1402 rubber air brake hose.

RUBBER HOSE AIR BRAKE FITTINGS



[A] NUT W/ SPRING GUARD

TS P/N	HOSE
S371ABS-6	3/8
S371ABS-8	1/2

[C] FEMALE SWIVEL, W/O ADAPTER

TS P/N	HOSE
S366RBSV-634	3/8
S366RBSV-878	1/2

[B] SPRING GUARD

TS P/N	HOSE
S371AS-6	3/8
S371AS-8	1/2

[D] MALE CONNECTOR, W/ SPRING GUARD

TS P/N	HOSE	PIPE
S378AB-6-4	3/8	1/4
S378AB-6-6	3/8	3/8
S378AB-6-8	3/8	1/2
S378AB-8-6	1/2	3/8
S378AB-8-8	1/2	1/2

[E] ADAPTER

TS P/N	HOSE	PIPE THREAD	STRAIGHT THREAD
S376AB-3/4-4	3/8	1/4	3/4-20
S376AB-3/4-6	3/8	3/8	3/4-20
S376AB-3/4-8	3/8	1/2	3/4-20
S376AB-7/8-6	1/2	3/8	7/8-20
S376AB-7/8-8	1/2	1/2	7/8-20

[F] FEMALE SWIVEL - COMPLETE W/ ADAPTER

TS P/N	HOSE	PIPE THREAD	STRAIGHT THREAD
S363RB-6	3/8	1/4	3/4-20
S363RB-6-4S	3/8	1/4	3/4-20
S363RB-6	3/8	3/8	3/4-20
S363RB-6-8	3/8	1/2	3/4-20
S363RB-8-6	1/2	3/8	7/8-20
S363RB-8	1/2	1/2	7/8-20
S363RB-6-8S	3/8	3/8	3/4-20

COPPER TUBE AIR BRAKE FITTINGS

SUFFIXES

C = Carton V = Thread Sealant

CONTENT

Machined from brass

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

WORKING PRESSURE

Working Pressure of up to 150 psi

TEMPERATURE RANGE

From -65°F to +250°F

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely and remove burrs.
2. Slide nut then sleeve onto tubing.
3. Insert tubing into fitting until it bottoms on seat.
4. The nut should be screwed down finger-tight.
5. Wrench tighten up to 3 turns, depending on size. Smaller sizes require fewer tightening turns.

NOTE: Dimensions and configurations subject to change without notice.

TUBE & PIPE THREAD SIZES

Sizes are determined by the number of sixteenths of an inch.

2 = 1/8" (2/16")	5 = 5/16" (5/16")	10 = 5/8" (10/16")
3 = 3/16" (3/16")	6 = 3/8" (6/16")	12 = 3/4" (12/16")
4 = 1/4" (4/16")	8 = 1/2" (8/16")	

INDUSTRY STANDARDS

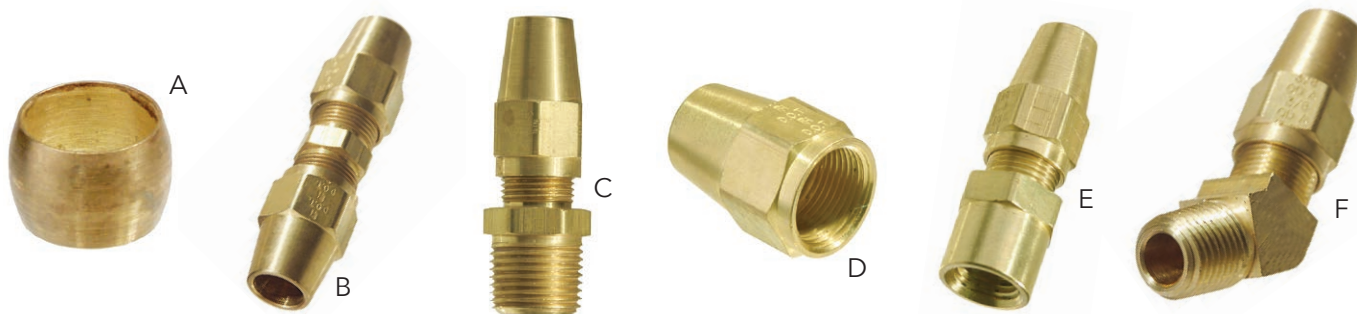
We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PRODUCT APPLICATION

- For use with copper tubing in air brake systems.
- Air brake bodies (with addition of tube support for nylon) are interchangeable with the bodies used on SAE J844 nylon tube air brake fittings.



COPPER TUBE AIR BRAKE FITTINGS



[A] COPPER TUBE SLEEVE

TS P/N	TUBE
S260AB-4	1/4
S260AB-6	3/8
S260AB-8	1/2
S260AB-10	5/8
S260AB-12	3/4

[D] COPPER TUBE NUT

TS P/N	TUBE
S261AB-4	1/4
S261AB-6	3/8
S261AB-8	1/2
S261AB-10	5/8
S261AB-12	3/4

[B] UNION

TS P/N	TUBE
S262AB-4	1/4
S262AB-6	3/8
S262AB-8	1/2
S262AB-10	5/8
S262AB-12	3/4

[E] FEMALE CONNECTOR

TS P/N	TUBE	PIPE
S266AB-4-2	1/4	1/8
S266AB-4-4	1/4	1/4
S266AB-6-2	3/8	1/8
S266AB-6-4	3/8	1/4
S266AB-6-6	3/8	3/8
S266AB-8-6	1/2	3/8
S266AB-8-8	1/2	1/2
S266AB-10-6	5/8	3/8
S266AB-10-10	5/8	5/8

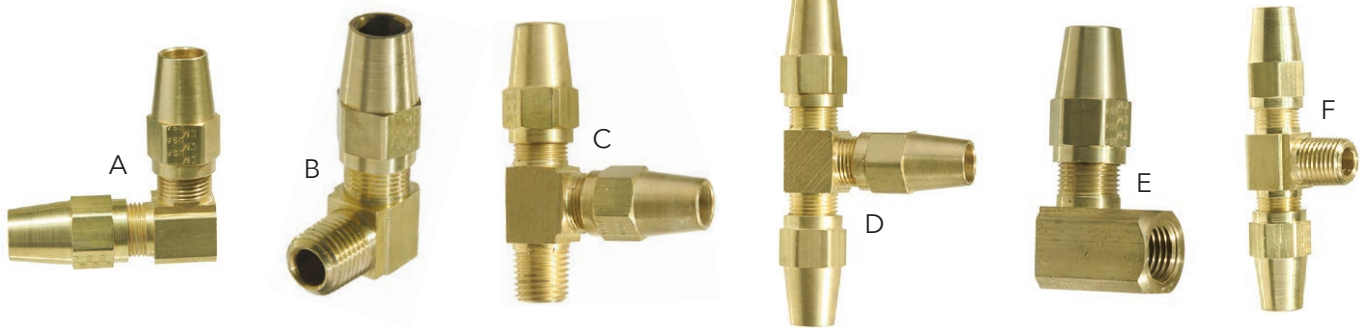
[C] MALE CONNECTOR

TS P/N	TUBE	PIPE
S268AB-4-2	1/4	1/8
S268AB-4-4	1/4	1/4
S268AB-4-6	1/4	3/8
S268AB-6-2	3/8	1/8
S268AB-6-4	3/8	1/4
S268AB-6-6	3/8	3/8
S268AB-6-8	3/8	1/2
S268AB-8-4	1/2	1/4
S268AB-8-6	1/2	3/8
S268AB-8-8	1/2	1/2
S268AB-10-6	5/8	3/8
S268AB-10-8	5/8	1/2
S268AB-10-12	5/8	3/4
S268AB-12-8	3/4	1/2
S268AB-12-12	3/4	3/4

[F] 45° ELBOW

TS P/N	TUBE	PIPE
S279AB-4-2	1/4	1/8
S279AB-4-4	1/4	1/4
S279AB-6-2	3/8	1/8
S279AB-6-4	3/8	1/4
S279AB-6-6	3/8	3/8
S279AB-6-8	3/8	1/2
S279AB-8-6	1/2	3/8
S279AB-8-8	1/2	1/2
S279AB-10-8	5/8	5/8

COPPER TUBE AIR BRAKE FITTINGS



[A] UNION ELBOW

TS P/N	TUBE
S265AB-4	1/4
S265AB-6	3/8
S265AB-8	1/2
S265AB-10	5/8

[D] UNION TEE

TS P/N	TUBE
S264AB-4	1/4
S264AB-6	3/8
S264AB-8	1/2
S264AB-10	5/8

[B] MALE ELBOW

TS P/N	TUBE	PIPE
S269AB-4-2	1/4	1/8
S269AB-4-4	1/4	1/4
S269AB-4-6	1/4	3/8
S269AB-6-2	3/8	1/8
S269AB-6-4	3/8	1/4
S269AB-6-6	3/8	3/8
S269AB-6-8	3/8	1/2
S269AB-8-4	1/2	1/4
S269AB-8-6	1/2	3/8
S269AB-8-8	1/2	1/2
S269AB-10-6	5/8	3/8
S269AB-10-8	5/8	1/2
S269AB-10-12	5/8	3/4
S269AB-12-8	3/4	1/2

[E] FEMALE ELBOW

TS P/N	TUBE	PIPE
S270AB-4-2	1/4	1/8
S270AB-4-4	1/4	1/4
S270AB-6-2	3/8	1/8
S270AB-6-4	3/8	1/4
S270AB-6-6	3/8	3/8
S270AB-8-6	1/2	3/8
S270AB-8-8	1/2	1/2
S270AB-10-1-8	5/8	1/2

[C] MALE RUN TEE

TS P/N	TUBES	PIPE
S271AB-4-2-4	1/4 & 1/8	1/4
S271AB-4-4	1/4	1/4
S271AB-6-4	3/8 & 1/4	3/8
S271AB-6-6	3/8	3/8
S271AB-8-6	1/2 & 3/8	1/2
S271AB-8-4	1/2	1/4
S271AB-8-6-6	1/2 & 3/8	3/8
S271AB-8-8	1/2	1/2
S271AB-10-8	5/8 & 1/2	5/8

[F] MALE BRANCH TEE

TS P/N	TUBES	PIPE
S272AB-4-2	1/4	1/8
S272AB-4-4	1/4	1/4
S272AB-6-2	3/8 & 1/8	3/8
S272AB-6-4	3/8	1/4
S272AB-6-6	3/8	3/8
S272AB-8-6	1/2	3/8
S272AB-8-8	1/2	1/2
S272AB-10-8	5/8 & 1/2	5/8

D.O.T. PUSH-IN AIR BRAKE FITTINGS

PRODUCT APPLICATION

- For use with SAE J844 Tubing.

TEMPERATURE RANGE

From -65°F to +250°F

PRODUCT FEATURES

- Easy to Assemble
- Designed to resist mechanical pull-out
- Can be assembled and disassembled over and over again
- Several parts available with an optional swivel male pipe thread
- Swivel for installation purposes only

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely – maximum of 15° angle allowable
2. Check that port of mating part is clean
3. Insert tubing into fitting until it bottoms (Push at least twice to verify that tubing is inserted past collet and O-ring)
4. Pull on tubing to verify that it is fully inserted
5. To disassemble, simply press release collar, hold it against fitting body and simultaneously pull tubing out of the fitting

INDUSTRY STANDARDS

SAE standards listed within are for reference only. We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Dimensions and configurations are subject to change without notice.

CONTENT

Manufactured from brass

WORKING PRESSURE

Working pressure of up to 2800 PSI

TUBE & PIPE THREAD SIZES

SIZE	PSI	TUBE WALL
2 = 1/8" (2/16")	2800	.030
3 = 3/16" (3/16")	1900	.030
4 = 1/4" (4/16")	1400	.030
5 = 5/16" (5/16")	1200	.032
6 = 3/8" (6/16")	1000	.032
8 = 1/2" (8/16")	750	.032
10 = 5/8" (10/16")	650	.035
12 = 3/4" (12/16")	550	.035

NOTE: Sizes are determined by the number of sixteenths of an inch.



D.O.T. PUSH-IN AIR BRAKE FITTINGS



[A] NYLON PLUG

TS P/N	TUBE
S639PMT-532	5/32
S639PMT-4	1/4
S639PMT-6	3/8
S639PMT-8	1/2

[B] GLADHAND BULKHEAD STUD

TS P/N	TUBE	PIPE
S983PMT-6-8	3/8	1/2
S983PMT-6-8L	3/8	1/2
S983PMT-8-8	1/2	1/2
S983PMT-8-8L	1/2	1/2

NOTE: "L" indicates long body length, 2-25/32"

[C] FEMALE CONNECTOR

TS P/N	TUBE	PIPE
S66PMT-4-2	1/4	1/8
S66PMT-4-4	1/4	1/4
S66PMT-6-4	3/8	1/4
S66PMT-6-6	3/8	3/8
S66PMT-8-6	1/2	3/8
S66PMT-8-8	1/2	1/2

[D] 45° MALE ELBOW

TS P/N	TUBE	PIPE
S254PMTNS-4-2	1/4	1/8
S254PMTNS-4-4	1/4	1/4
S254PMTNS-6-2	3/8	1/8
S254PMTNS-6-4	3/8	1/4
S254PMTNS-6-6	3/8	3/8
S254PMTNS-8-6	3/8	1/2
S254PMTNS-8-4	1/2	1/4
S254PMTNS-8-6	1/2	3/8
S254PMTNS-8-8	1/2	1/2
S254PMTNS-10-6	5/8	3/8
S254PMTNS-10-8	5/8	1/2
S254PMTNS-12-12	3/4	3/4

[E] TUBING UNION

TS P/N	TUBE
S62PMT-532	5/32
S62PMT-3	3/16
S62PMT-4	1/4
S62PMT-6	3/8
S62PMT-8	1/2
S62PMT-10	5/8

[F] BULKHEAD UNION

TS P/N	TUBE	THREAD
S62PMTBH-4	1/4	1/2-20
S62PMTBH-6	3/8	5/8-18
S62PMTBH-8	1/2	3/4-16
S62PMTBH-10	5/8	15/16-16

[G] MALE CONNECTOR

TS P/N	TUBE	PIPE
S68PMT-532-1	5/32	1/16
S68PMT-532-2	5/32	1/8
S68PMT-3-2	3/16	1/8
S68PMT-4-2	1/4	1/8
S68PMT-4-4	1/4	1/4
S68PMT-4-6	1/4	3/8
S68PMT-6-2	3/8	1/8
S68PMT-6-4	3/8	1/4
S68PMT-6-6	3/8	3/8
S68PMT-6-8	3/8	1/2
S68PMT-8-4	1/2	1/4
S68PMT-8-8	1/2	3/8
S68PMT-8-6	1/2	1/2
S68PMT-10-6	5/8	5/8
S68PMT-10-8	5/8	1/2
S68PMT-12-8	3/4	1/2
S68PMT-12-12	3/4	3/4



[A] 90° MALE ELBOW

TS P/N	TUBE	PIPE
S269PMTNS-532-1	5/32	1/16
S269PMTNS-532-2	5/32	1/8
S269PMTNS-3-2	3/16	1/8
S269PMTNS-4-2	1/4	1/8
S269PMTNS-4-4	1/4	1/4
S269PMTNS-4-6	1/4	3/8
S269PMTNS-6-2	3/8	1/8
S269PMTNS-6-4	3/8	1/4
S269PMTNS-6-6	3/8	3/8
S269PMTNS-6-8	3/8	1/2
S269PMTNS-8-4	1/2	1/4
S269PMTNS-8-6	1/2	3/8
S269PMTNS-8-8	1/2	1/2
S269PMTNS-10-6	5/8	5/8
S269PMTNS-10-8	5/8	1/2
S269PMTNS-12-8	3/4	1/2

[B] 45° ELBOW - SWIVEL

TS P/N	TUBE	PIPE
S254PMT-4-2	1/4	1/8
S254PMT-4-4	1/4	1/4
S254PMT-4-6	1/4	3/8
S254PMT-6-2	3/8	1/8
S254PMT-6-4	3/8	1/4
S254PMT-6-6	3/8	3/8
S254PMT-8-4	1/2	1/4
S254PMT-8-6	1/2	3/8
S254PMT-8-8	1/2	1/2
S254PMT-10-8	5/8	1/2
S254PMT-12-8	3/4	1/2

[C] UNION ELBOW 90°

TS P/N	TUBE
S265PMT-4	1/4
S265PMT-6	3/8
S265PMT-8	1/2

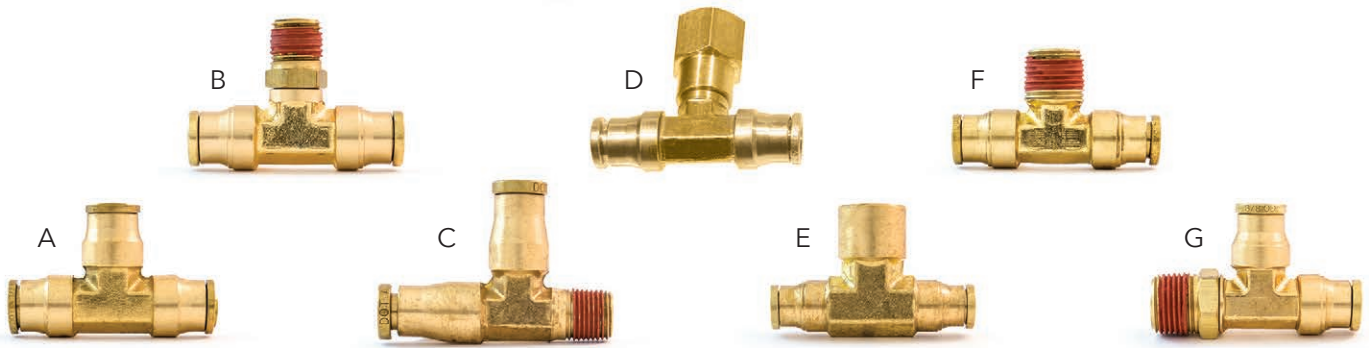
[D] 90° FEMALE ELBOW

TS P/N	TUBE	PIPE
S270PMTNS-4-2	1/4	1/8
S270PMTNS-4-4	1/4	1/4
S270PMTNS-4-6	1/4	3/8
S270PMTNS-6-2	3/8	1/8
S270PMTNS-6-4	3/8	1/4
S270PMTNS-6-6	3/8	3/8
S270PMTNS-8-6	1/2	3/8
S270PMTNS-8-8	1/2	1/2

[E] 90° MALE ELBOW - SWIVEL

TS P/N	TUBE	PIPE
S269PMT-532-2	5/32	1/8
S269PMT-2-2	1/8	1/8
S269PMT-4-2	1/4	1/8
S269PMT-4-4	1/4	1/4
S269PMT-4-6	1/4	3/8
S269PMT-6-2	3/8	1/8
S269PMT-6-4	3/8	1/4
S269PMT-6-6	3/8	3/8
S269PMT-6-8	3/8	1/2
S269PMT-8-4	1/2	1/4
S269PMT-8-6	1/2	3/8
S269PMT-8-8	1/2	1/2
S269PMT-10-6	5/8	3/8
S269PMT-10-8	5/8	5/8
S269PMT-12-8	3/4	1/2
S269PMT-12-12	3/4	3/4

D.O.T. PUSH-IN AIR BRAKE FITTINGS



[A] UNION TEE

TS P/N	CMI P/N	TUBE
S264PMT-4	964-4PXDOT	1/4
S264PMT-6	964-6PXDOT	3/8
S264PMT-8	964-8PXDOT	1/2
S264PMT-10	964-10PXDOT	5/8
S264PMT-12	-	3/4

[B] MALE BRANCH TEE - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S272PMT-4-2	972-4PXDOTS	1/4	1/8
S272PMT-4-4	972-4-4PXDOTS	1/4	1/4
S272PMT-6-2	972-6-2PXDOTS	3/8	1/8
S272PMT-6-4	972-6PXDOTS	3/8	1/4
S272PMT-6-6	972-6-6PXDOTS	3/8	3/8
S272PMT-8-4	972-8-4PXDOTS	1/2	1/4
S272PMT-8-6	972-8PXDOTS	1/2	3/8
S272PMT-8-8	972-8-8PXDOTS	1/2	1/2

[C] MALE RUN TEE

TS P/N	CMI P/N	TUBE	PIPE
S271PMTNS-4-2	971-4PXDOT	1/4	1/8
S271PMTNS-4-4	971-4-4PXDOT	1/4	1/4
S271PMTNS-6-4	971-6PXDOT	3/8	1/4
S271PMTNS-6-6	971-6-6PXDOT	3/8	3/8

[D] FEMALE BRANCH TEE - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S977PMT-4	977-4PXDOTS	1/4	1/8
S977PMT-4-4	977-4-4PXDOTS	1/4	1/4
S977PMT-6	977-6PXDOTS	3/8	1/4

[E] FEMALE BRANCH TEE

TS P/N	CMI P/N	TUBE	PIPE
S977PMTNS-4	977-4PXDOT	1/4	1/8
S977PMTNS-4-4	977-4-4PXDOT	1/4	1/4
S977PMTNS-6	977-6PXDOT	3/8	1/4
S977PMTNS-6-6	977-6-6PXDOT	3/8	3/8

[F] MALE BRANCH TEE

TS P/N	CMI P/N	TUBE	PIPE
S272PMTNS-4-2	972-4PXDOT	1/4	1/8
S272PMTNS-4-4	972-4-4PXDOT	1/4	1/4
S272PMTNS-6-4	972-6PXDOT	3/8	1/4
S272PMTNS-6-6	972-6-6PXDOT	3/8	3/8
S272PMTNS-8-4	972-8-4PXDOT	1/2	1/4
S272PMTNS-8-6	972-8PXDOT	1/2	3/8

[G] MALE RUN TEE - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S271PMT-4-2	971-4PXDOTS	1/4	1/8
S271PMT-4-4	971-4-4PXDOTS	1/4	1/4
S271PMT-6-4	971-6PXDOTS	3/8	1/4
S271PMT-6-6	971-6-6PXDOTS	3/8	3/8
S271PMT-8-6	971-8PXDOTS	1/2	3/8
S271PMT-8-8	971-8-8PXDOTS	1/2	1/2

COMPOSITE PUSH-IN FITTINGS

PRODUCT FEATURES

- Easy to Assemble
- Designed to resist mechanical pull-out
- Can be assembled and disassembled over and over again
- Several parts available with an optional swivel male pipe thread
- Swivel for installation purposes only

TEMPERATURE RANGE

From -65°F to +250°F

WORKING PRESSURE

Working pressure of up to 2800 PSI

PRODUCT APPLICATION

- For use with SAE J844 Tubing.

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely – maximum of 15° angle allowable.
2. Check that port of mating part is clean.
3. Insert tubing into fitting until it bottoms. (Push at least twice to verify that tubing is inserted past collet and O-ring)
4. Pull on tubing to verify that it is fully inserted
5. To disassemble, simply press release collar, hold it against fitting body and simultaneously pull tubing out of the fitting

TUBE & PIPE THREAD SIZES

SIZE	PSI	TUBE WALL
2 = 1/8" (2/16")	2800	.030
3 = 3/16" (3/16")	1900	.030
4 = 1/4" (4/16")	1400	.030
5 = 5/16" (5/16")	1200	.032
6 = 3/8" (6/16")	1000	.032
8 = 1/2" (8/16")	750	.032
10 = 5/8" (10/16")	650	.035
12 = 3/4" (12/16")	550	.035

NOTE: Sizes are determined by the number of sixteenths of an inch.

INDUSTRY STANDARDS

SAE standards listed within are for reference only. We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Dimensions and configurations are subject to change without notice.



COMPOSITE PUSH-IN FITTINGS



[A] STRAIGHT MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S768PMT-532-1	-	5/32	1/16
S768PMT-532-2	-	5/32	1/8
S768PMT-532-4	-	5/32	1/4
S768PMT-2-1*	-	1/8	1/16
S768PMT-2-2*	-	1/8	1/8
S768PMT-2-4*	-	1/8	1/4
S768PMT-4-2	CDOT1468-4-2	1/4	1/8
S768PMT-4-4	CDOT1468-4-4	1/4	1/4
S768PMT-4-6	CDOT1468-4-6	1/4	3/8
S768PMT-6-2	CDOT1468-6-2	3/8	1/8
S768PMT-6-4	CDOT1468-6-4	3/8	1/4
S768PMT-6-6	CDOT1468-6-6	3/8	3/8
S768PMT-6-8	CDOT1468-6-8	3/8	1/2
S768PMT-8-4	CDOT1468-8-4	1/2	1/4
S768PMT-8-6	CDOT1468-8-6	1/2	3/8
S768PMT-8-8	CDOT1468-8-8	1/2	1/2
S768PMT-10-6	CDOT1468-10-6	5/8	3/8
S768PMT-10-8	CDOT1468-10-8	5/8	1/2
S768PMT-12-6	-	3/4	3/8
S768PMT-12-8	-	3/4	1/2
S768PMT-12-12	-	3/4	3/4

[B] 45° MALE ELBOW - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S754PMT-532-2	-	5/32	1/8
S754PMT-2-2*	-	1/8	1/8
S754PMT-4-2	CDOT1480-4-2	1/4	1/8
S754PMT-4-4	CDOT1480-4-4	1/4	1/4
S754PMT-4-6	-	1/4	3/8
S754PMT-6-2	-	3/8	1/8
S754PMT-6-4	CDOT1480-6-4	3/8	1/4
S754PMT-6-6	CDOT1480-6-6	3/8	3/8
S754PMT-6-8	CDOT 1480-6-8	3/8	1/2
S754PMT-8-4	-	1/2	1/4
S754PMT-8-6	-	1/2	3/8
S754PMT-8-8	-	1/2	1/2
S754PMT-10-8	CDOT1480-10-8	5/8	1/2
S754PMT-12-8	-	3/4	1/2

[C] STRAIGHT UNION

TS P/N	CMI P/N	TUBE
S762PMT-532	-	5/32
S762PMT-532-4	-	5/32 & 1/4
S762PMT-2*	-	1/8
S762PMT-3*	-	3/16
S762PMT-4	CDOT1462-4	1/4
S762PMT-6	CDOT1462-6	3/8
S762PMT-6-8	-	3/8 & 1/2
S762PMT-8	CDOT1462-8	1/2
S762PMT-10	-	5/8
S762PMT-12-12	-	3/4

[D] UNION ELBOW

TS P/N	CMI P/N	TUBE
S765PMT-5/32	-	5/32
S765PMT-4	CDOT1465-4	1/4
S765PMT-6	CDOT1465-6	3/8
S765PMT-8	CDOT1465-8	1/2

[E] FEMALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S770PMT-5/32-2	-	5/32	1/8
S770PMT-4-2	CDOT1470-4-2	1/4	1/8
S770PMT-4-4	CDOT1470-4-4	1/4	1/4
S770PMT-4-6	-	1/4	3/8
S770PMT-6-2	-	3/8	1/8
S770PMT-6-4	CDOT1470-6-4	3/8	1/4
S770PMT-6-6	CDOT1470-6-6	3/8	3/8
S770PMT-6-8	-	3/8	1/2
S770PMT-8-4	-	1/2	1/4
S770PMT-8-6	-	1/2	3/8
S770PMT-8-8	-	1/2	1/2

* Non-DOT



[A] MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S769PMT-4-2	CDOT1469-4-2	1/4	1/8
S769PMT-4-4	CDOT1469-4-4	5/32	1/4
S769PMT-4-6	CDOT1469-4-6	5/32	3/8
S769PMT-6-2	CDOT1469-6-2	3/8	1/8
S769PMT-6-4	CDOT1469-6-4	3/8	1/4
S769PMT-6-6	CDOT1469-6-6	3/8	3/8
S769PMT-6-8	CDOT1469-6-8	3/8	1/2
S769PMT-8-4	CDOT1469-8-4	1/2	1/4
S769PMT-8-6	CDOT1469-8-6	1/2	3/8
S769PMT-8-8	CDOT1469-8-8	1/2	1/2
S769PMT-10-6	CDOT1469-10-6	5/8	3/8
S769PMT-10-8	CDOT1469-10-8	5/8	1/2

[C] MALE RUN TEE

TS P/N	CMI P/N	TUBE	PIPE
S771PMT-5/32-1	-	5/32	1/16
S771PMT-532-2	-	5/32	1/8
S771PMT-532-4	-	5/32	1/4
S771PMT-4-2	CDOT1471-4-2	1/4	1/8
S771PMT-4-4	-	1/4	1/4
S771PMT-6-4	CDOT1471-6-4	3/8	1/4
S771PMT-6-6	CDOT1471-6-6	3/8	3/8
S771PMT-6-8	CDOT1471-6-8	3/8	1/2
S771PMT-8-4	-	1/2	1/4
S771PMT-8-4-8	-	1/2 & 1/4	1/2
S771PMT-8-6	CDOT1471-8-6	1/2	3/8
S771PMT-8-8	-	1/2	1/2

[B] MALE BRANCH TEE

TS P/N	CMI P/N	TUBE	PIPE
S772PMT-532-1	-	5/32	1/16
S772PMT-532-2	-	5/32	1/8
S772PMT-532-4	-	5/32	1/4
S772PMT-2-2*	-	1/8	1/8
S772PMT-2-4*	-	1/8	1/4
S772PMT-4-2	CDOT1472-4-2	1/4	1/8
S772PMT-4-4	CDOT1472-4-4	1/4	1/4
S772PMT-4-6	-	1/4	3/8
S772PMT-6-2	-	3/8	1/8
S772PMT-6-4	CDOT1472-6-4	3/8	1/4
S772PMT-6-6	CDOT1472-6-6	3/8	3/8
S772PMT-6-8	CDOT1472-6-8	3/8	1/2
S772PMT-8-4	-	1/2	1/4
S772PMT-8-6	CDOT1472-8-6	1/2	3/8
S772PMT-8-8	-	1/2	1/2
S772PMT-10-6	-	5/8	3/8
S772PMT-10-8	-	5/8	1/2

[D] UNION TEE

TS P/N	CMI P/N	TUBE
S764PMT-532	-	5/32
S764PMT-2*	-	1/8
S764PMT-3*	-	3/16
S764PMT-4	CDOT1464-4	1/4
S764PMT-4-4-6	-	1/4, 1/4, 3/8
S764PMT-6	CDOT1464-6	3/8
S764PMT-6-6-4	-	3/8, 3/8, 1/4
S764PMT-8	CDOT1464-8	1/2
S764PMT-8-8-6	-	1/2, 1/2, 3/8
S764PMT-10	-	5/8

[E] FEMALE BRANCH TEE

TS P/N	TUBES	THREAD
S777PMT-4-2	1/4	1/8
S777PMT-4	1/4	1/4
S777PMT-6-4	3/8	1/4
S777PMT-8-6	1/2	3/8
S777PMT-10-4	5/8	1/4

* Non-DOT

COMPOSITE PUSH-IN FITTINGS



[A] FEMALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S766PMT-532-2	-	5/32	1/8
S766PMT-4-2	CDOT1466-4-2	1/4	1/8
S766PMT-4-4	CDOT14664-4	1/4	1/4
S766PMT-4-6	-	1/4	3/8
S766PMT-6-2	-	3/8	1/8
S766PMT-6-4	CDOT1466-6-4	3/8	1/4
S766PMT-6-6	CDOT1466-6-6	3/8	3/8
S766PMT-6-8	-	3/8	1/2
S766PMT-8-2	-	1/2	1/8
S766PMT-8-4	-	1/2	1/4
S766PMT-8-6	-	1/2	3/8
S766PMT-8-8	-	1/2	1/2

[B] BULKHEAD FEMALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S786PMTBH-4-2	CDOT1486-4-2	1/4	1/8
S786PMTBH-4-4	CDOT1486-4-4	1/4	1/4
S786PMTBH-6-4	CDOT1486-6-4	3/8	1/4
S786PMTBH-6-6	-	3/8	3/8
S786PMTBH-8-6	-	1/2	3/8
S786PMTBH-8-8	-	1/2	1/2

[C] BULKHEAD UNION

TS P/N	CMI P/N	TUBE
S762PMT-BH-5/32-5/32	-	5/32
S762PMTBH-2*	-	1/8
S762PMTBH-4	CDOT1474-4	1/4
S762PMTBH-6	CDOT1474-6	3/8
S762PMTBH-8	CDOT1474-8	1/2
S762PMTBH-10	-	5/8

* Non-DOT

[D] UNION "Y"

TS P/N	TUBES
S764YPMT-4	1/4
S764YPMT-4-4-6	1/4, 1/4, 3/8
S764YPMT-6	3/8
S764YPMT-6-6-4	3/8, 3/8, 1/4

[E] MALE BRANCH "Y"

TS P/N	TUBES	THREAD
S798YPMT-4-2	1/4	1/8
S798YPMT-4-4	1/4	1/4
S798YPMT-6-4	3/8	1/4

[F] STANDPIPE PLUG-IN RUN TEE

TS P/N	TUBES
371SP-4-4	1/4
371SP-4-6	1/4 & 3/8
371SP-6-4-6	3/8, 1/4, 3/8
371SP-6-6	3/8
371SP-8-4-8	1/2, 1/4, 1/2

[G] STANDPIPE ELBOW

TS P/N	TUBES
369SP-4-4	1/4
369SP-4-6	1/4 & 3/8
369SP-6-4	3/8 & 1/4
369SP-6-6	3/8
369SP-6-8	3/8 & 1/2
369SP-8-8	1/2

[H] STANDPIPE REDUCER ADAPTER

TS P/N	TUBES
37SP-4-6	1/4 & 3/8
37SP-6-4	3/8 & 1/4

NON-D.O.T. PUSH-IN AIR BRAKE FITTINGS



NON-D.O.T PUSH-IN AIR BRAKE FITTINGS

For use with polyethylene or nylon tubing. NOT for DOT air brake use. Simply push the tubing into the connector. The o-ring provides a positive seal.

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Customer Service Department for additional details.

WORKING PRESSURE
Up to 250 PSI

TEMPERATURE RANGE
From -40°F to 200°F

CONTENT
Machined from brass

A - 1168-4X



A - 1168-4-4X



A - 1168-6X

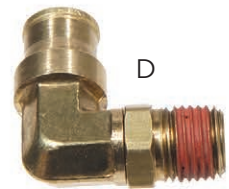


C

B



D



[A] PUSH-IN STRAIGHT MALE

P/N	TUBE	PIPE
1168-4PX	1/4	1/8
1168-4-4PX	1/4	1/4
1168-6PX	3/8	1/4

[C] UNION TEE

P/N	TUBE
1164-4PX	1/4
1164-6PX	3/8

[B] PUSH-IN UNION

P/N	TUBE
1162-2PX	1/8
1162-4PX	1/4
1162-6PX	3/8

[D] PUSH-IN MALE ELBOW

P/N	TUBE	PIPE
1169-2PX	1/4	1/8
1169-6PX	3/8	1/4
1169-8PX	1/2	3/8

BRASS TRANSMISSION FITTINGS

PRODUCT FEATURES

Fittings utilize a specially designed slotted sleeve to help prevent notch stress related to over-torque. Fittings is designed to be used in pressure protected air transmission applications.

TEMPERATURE RANGE

From -40°F to +220°F

WORKING PRESSURE

Working pressure of up to 150 PSI

PRODUCT APPLICATION

Use with SAE J844 type A nylon tubing in pressure protected air transmission applications

CONTENT

Machined from brass

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely
2. Insert tubing into fitting until it bottoms.
3. Tighten nut 1 1/2 turns from finger tight.

TUBE & PIPE THREAD SIZES

SIZE	PSI	TUBE WALL
2 = 1/8" (2/16")	2800	.030
3 = 3/16" (3/16")	1900	.030
4 = 1/4" (4/16")	1400	.030
5 = 5/16" (5/16")	1200	.032
6 = 3/8" (6/16")	1000	.032
8 = 1/2" (8/16")	750	.032
10 = 5/8" (10/16")	650	.035
12 = 3/4" (12/16")	550	.035

INDUSTRY STANDARDS

SAE standards listed within are for reference only. We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Sizes are determined by the number of sixteenths of an inch.





A



B



C



D



E

[A] TRANSMISSION SPLIT SLEEVE

TS P/N	CMI P/N	TUBE
S60TF-2	60-2TF	1/8
S60TF-5/32	60-2.5TF	5/32

[B] TRANSMISSION NUT

TS P/N	CMI P/N	TUBE
S61TF-2	61-2TF	1/8
S61TF-5/32	61-2.5TF	5/32

[C] TRANSMISSION UNION

TS P/N	CMI P/N	TUBE
S62TF-2	62-2TF	1/8
S62TF-5/32	62-2.5TF	5/32

[D] TRANSMISSION MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S68TF-2-1	68-2-1TF	1/8	1/16
S68TF-2-2	68-2-2TF	1/8	1/8
S68TF-5/32-1	68-2.5-1TF	5/32	1/16
S68TF-5/32-2	68-2.5-2TF	5/32	1/8

[E] TRANSMISSION MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S69TF-2-1	69-2-1TF	1/8	1/16
S69TF-2-2	69-2-2TF	1/8	1/8
S69TF-5/32-2	69-2.5-2TF	5/32	1/8

45° BRASS FLARE FITTINGS

PACKAGING & ORDERING OPTIONS

- Flare Fittings resist mechanical pull out
- Recommended for higher pressures than those covered by compression fittings
- Made to be assembled and disassembled over and over again
- Low Cost
- Reusable with a long or short nut
- **Single vs. Double Flare:** single flares are ordinarily used to connect copper and aluminum tubing
- **Advantages of Double Flare:** Double flare removes the possibility of over tightening

TEMPERATURE RANGE

From -65°F to +250°F

CONTENT

Machined from brass

PRODUCT APPLICATION

Use with SAE J844 type A nylon tubing in pressure protected air transmission applications.

TUBE & PIPE THREAD SIZES

SIZE	PSI
2 = 1/8" (2/16")	2800
3 = 3/16" (3/16")	1900
4 = 1/4" (4/16")	1400
5 = 5/16" (5/16")	1200
6 = 3/8" (6/16")	1000
8 = 1/2" (8/16")	750
10 = 5/8" (10/16")	650
12 = 3/4" (12/16")	550

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely and clean tube end thoroughly to remove burrs
2. Place nut onto tube. Place threaded end of nut toward end of tube
3. Flare tube end with flaring tool to provide 45° flare
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight
5. Tighten with a wrench an additional 1/4 to 1/2 turn past finger tight for a metal to metal seal

CAUTION: Use of excessive torque may cause damage to the fitting and rupture the tubing at the flare.

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

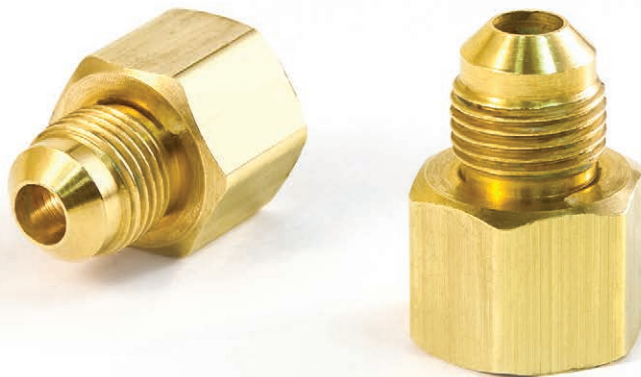
PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number
- All male pipe fittings require the "V" suffix to indicate thread sealant requested
- Consult current price sheet for packaging options

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Sizes are determined by the number of sixteenths of an inch.



45° BRASS FLARE FITTINGS



[A] FLARE BONNET

TS P/N	CMI P/N	TUBE
SFB-6	FB-6	3/8
SFB-8	FB-8	1/2

[B] FORGED REFRIGERATION NUT - SHORT

TS P/N	CMI P/N	TUBE	PIPE
S141S-3	141S-3	3/16	3/16
S141S-4	141S-4	1/4	1/4
S141S-5	141S-5	5/32	5/32
S141S-6-4	141S-6-4	3/8	1/4
S141S-6	141S-6	3/8	3/8
S141S-8-6	141S-8-6	1/2	3/8
S141S-8	141S-8	1/2	1/2
S141S-10-8	141S-10-8	5/8	1/2
S141S-10	141S-10	5/8	5/8
S141S-12	141S-12	3/4	3/4

[C] FLARE CAP

TS P/N	CMI P/N	TUBE
S40-3	40-3	3/16
S40-4	40-4	1/4
S40-5	40-5	5/16
S40-6	40-6	3/8
S40-8	40-8	1/2
S40-10	40-10	5/8
S40-12	40-12	3/4

NOTE: Use with [D] Flare Gasket recommended (P/N: SFG-X).

[D] FLARE GASKET

TS P/N	CMI P/N	TUBE
SFG-3	FG-3	3/16
SFG-4	FG-4	1/4
SFG-5	FG-5	5/16
SFG-6	FG-6	3/8
SFG-8	FG-8	1/2
SFG-10	FG-10	5/8
SFG-12	FG-12	3/4

[E] FORGED REFRIGERATION NUT - LONG

TS P/N	CMI P/N	TUBE
S141L-4	141L-4	1/4
S141L-6	141L-6	3/8
S141L-8	141L-8	1/2
S141L-10	141L-10	5/8

[F] FLARE NUT - SHORT

TS P/N	CMI P/N	TUBE
S41S-2	41S-2	1/8
S41S-3	41S-3	3/16
S41S-4	41S-4	1/4
S41S-5	41S-5	5/16
S41S-6	41S-6	3/8
S41S-7	41S-7	7/16
S41S-8	41S-8	1/2
S41S-10	41S-10	5/8
S41S-12	41S-12	3/4
S41S-14	41S-14	7/8



[A] FLARE NUT - LONG

TS P/N	CMI P/N	TUBE
S41L-4	41L-4	1/4
S41L-5	41L-5	5/16
S41L-6	41L-6	3/8
S41L-8	41L-8	1/2
S41L-10	41L-10	5/8

[D] FORGED SWIVEL NUT VALVE CONNECTOR

TS P/N	CMI P/N	TUBE
S114FSV-4	114FSV-4	1/4
S114FSV-5	114FSV-5	5/16
S114FSV-6	114FSV-6	3/8
S114FSV-8	114FSV-8	1/2
S114FSV-10	114FSV-10	5/8

[B] FLARE PLUG

TS P/N	CMI P/N	TUBE
S39-4	39-4	1/4
S39-5	39-5	5/16
S39-6	39-6	3/8
S39-8	39-8	1/2
S39-10	39-10	5/8

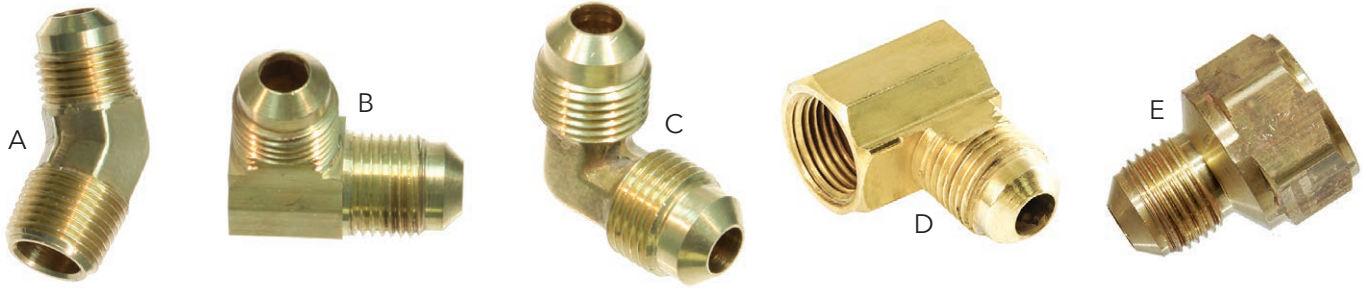
[E] FLARE X MALE PIPE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S48-2-2	48-2-2	1/8	1/8
S48-3-2	48-3-2	3/16	1/8
S48-4-2	48-4-2	1/4	1/8
S48-4-4	48-4-4	1/4	1/4
S48-4-6	48-4-6	1/4	3/8
S48-4-8	48-4-8	1/4	1/2
S48-5-2	48-5-2	5/16	1/8
S48-5-4	48-5-4	5/16	1/4
S48-5-6	48-5-6	5/16	3/8
S48-6-2	48-6-2	3/8	1/8
S48-6-4	48-6-4	3/8	1/4
S48-6-6	48-6-6	3/8	3/8
S48-6-8	48-6-8	3/8	1/2
S48-6-12	48-6-12	3/8	3/4
S48-8-4	48-8-4	1/2	1/4
S48-8-6	48-8-6	1/2	3/8
S48-8-8	48-8-8	1/2	1/2
S48-8-12	48-8-12	1/2	3/4
S48-10-4	48-10-4	5/8	1/4
S48-10-6	48-10-6	5/8	3/8
S48-10-8	48-10-8	5/8	1/2
S48-10-12	48-10-12	5/8	3/4
S48-12-8	48-12-8	3/4	1/2
S48-12-12	48-12-12	3/4	3/4
S48-14-12	48-14-12	7/8	3/4

[C] FLARE UNION - TUBE BOTH ENDS

TS P/N	CMI P/N	TUBES
S42-2	42-2	1/8
S42-3	42-3	3/16
S42-4	42-4	1/4
S42-5	42-5	5/16
S42-6-4	42-6-4	3/8 & 1/4
S42-6-5	42-6-5	3/8 & 5/16
S42-6	42-6	3/8
S42-8-4	42-8-4	1/2 & 1/4
S42-8-6	42-8-6	1/2 & 3/8
S42-8	42-8	1/2
S42-10-6	42-10-6	5/8 & 3/8
S42-10-8	42-10-8	5/8 & 1/2
S42-10	42-10	5/8
S42-12-8	42-12-8	3/4 & 1/2
S42-12	42-12	3/4

45° BRASS FLARE FITTINGS



[A] FORGED FLARE X MALE PIPE 45° ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S159-4-2	159-4-2	1/4	1/8
S159-4-4	159-4-4	1/4	1/4
S159-6-4	159-6-4	3/8	1/4
S159-6-6	159-6-6	3/8	3/8
S159-8-6	159-8-6	1/2	3/8
S159-8-8	159-8-8	1/2	1/2
S159-10-6	159-10-6	5/8	3/8
S159-10-8	159-10-8	5/8	1/2

[B] FLARE ELBOW - TUBE BOTH ENDS

TS P/N	CMI P/N	TUBE
S55-4	55-4	1/4
S55-6	55-6	3/8
S55-10	55-10	5/8

[C] FORGED FLARE ELBOW - TUBE BOTH ENDS

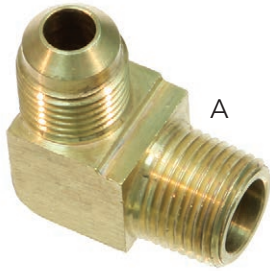
TS P/N	CMI P/N	TUBES
S155-2	155-2	1/8
S155-3	155-3	3/16
S155-4	155-4	1/4
S155-5	155-5	5/8
S155-6-4	155-6-4	3/8 & 1/4
S155-6	155-6	3/8
S155-8-6	155-8-6	1/2 & 3/8
S155-8	155-8	1/2
S155-10-8	155-10-8	5/8 & 1/2
S155-10	155-10	5/8
-	155-12	3/4

[D] FLARE X FEMALE PIPE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S50-6-6	50-6-6	3/8	3/8

[E] FLARE X FEMALE PIPE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S46-3-2	46-3-2	3/16	1/8
S46-4-2	46-4-2	1/4	1/8
S46-4-4	46-4-4	1/4	1/4
S46-4-6	46-4-6	1/4	3/8
S46-4-8	46-4-8	1/4	1/2
S46-5-2	46-5-2	5/16	1/8
S46-5-4	46-5-4	5/16	1/4
S46-6-2	46-6-2	3/8	1/8
S46-6-4	46-6-4	3/8	1/4
S46-6-6	46-6-6	3/8	3/8
S46-6-8	46-6-8	3/8	1/2
S46-6-12	46-6-12	3/8	3/4
S46-8-4	46-8-4	1/2	1/4
S46-8-6	46-8-6	1/2	3/8
S46-8-8	46-8-8	1/2	1/2
S46-8-12	46-8-12	1/2	3/4
S46-10-6	46-10-6	5/8	3/8
S46-10-8	46-10-8	5/8	1/2
S46-10-12	46-10-12	5/8	3/4
S46-12-8	46-12-8	3/4	1/2
S46-12-12	46-12-12	3/4	3/4
S46-14-12	46-14-12	7/8	3/4



A



B



C

[A] FLARE X MALE PIPE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S49-3-2	49-3-2	3/16	1/8
S49-4-2	49-4-2	1/4	1/8
S49-4-4	49-4-4	1/4	1/4
S49-4-6	49-4-6	1/4	3/8
S49-5-2	49-5-2	5/16	1/8
S49-5-4	49-5-4	5/16	1/4
S49-6-2	49-6-2	3/8	1/8
S49-6-4	49-6-4	3/8	1/4
S49-6-6	49-6-6	3/8	3/8
S49-8-4	49-8-4	1/2	1/4
S49-8-6	49-8-6	1/2	3/8
S49-8-8	49-8-8	1/2	1/2
S49-10-8	49-10-8	5/8	1/2

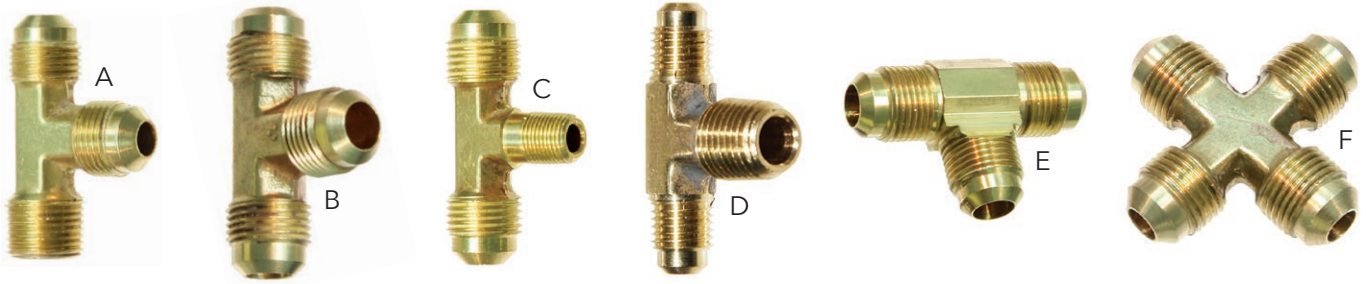
[C] FORGED FLARE X MALE PIPE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S149-2-2	149-2-2	1/8	1/8
S149-3-2	149-3-2	3/16	1/8
S149-4-2	149-4-2	1/4	1/8
S149-4-4	149-4-4	1/4	1/4
S149-4-6	149-4-6	1/4	3/8
S149-4-8	149-4-8	1/4	1/2
S149-5-2	149-5-2	5/16	1/8
S149-5-4	149-5-4	5/16	1/4
S149-6-2	149-6-2	3/8	1/8
S149-6-4	149-6-4	3/8	1/4
S149-6-6	149-6-6	3/8	3/8
S149-6-8	149-6-8	3/8	1/2
S149-8-4	149-8-4	1/2	1/4
S149-8-6	149-8-6	1/2	3/8
S149-8-8	149-8-8	1/2	1/2
S149-8-12	149-8-12	1/2	3/4
S149-10-6	149-10-6	5/8	3/8
S149-10-8	149-10-8	5/8	1/2
S149-10-12	149-10-12	5/8	3/4
S149-12-8	149-12-8	3/4	1/2
S149-12-12	149-12-12	3/4	3/4

[B] FORGED FLARE X FEMALE PIPE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S150-4-2	150-4-2	1/4	1/8
S150-4-4	150-4-4	1/4	1/4
S150-4-6	150-4-6	1/4	3/8
S150-5-2	150-5-2	5/16	1/8
S150-5-4	150-5-4	5/16	1/4
S150-6-4	150-6-4	3/8	1/4
S150-6-6	150-6-6	3/8	3/8
S150-6-8	150-6-8	3/8	1/2
S150-8-4	150-8-4	1/2	1/4
S150-8-6	150-8-6	1/2	3/8
S150-8-8	150-8-8	1/2	1/2
S150-8-12	150-8-12	1/2	3/4
S150-10-6	150-10-6	5/8	3/8
S150-10-8	150-10-8	5/8	1/2

45° BRASS FLARE FITTINGS



[A] FORGED FLARE TEE WITH MALE PIPE THREAD ON RUN

TS P/N	CMI P/N	TUBES	PIPE
S151-3-2	151-3-2	3/16	1/8
S151-4-2	151-4-2	1/4	1/8
S151-4-4	151-4-4	1/4	1/4
S151-5-2	151-5-2	5/16	1/8
S151-5-4	151-5-4	5/16	1/4
S151-6-2	151-6-2	3/8	1/8
S151-6-4	151-6-4	3/8	1/4
S151-6-6	151-6-6	3/8	3/8
S151-6-8	151-6-8	3/8	1/2
S151-8-6	151-8-6	1/2	3/8
S151-8-8	151-8-8	1/2	1/2
S151-10-8	151-10-8	5/8	1/2

[D] FORGED FLARE TEE WITH MALE PIPE THREAD ON BRANCH

TS P/N	CMI P/N	TUBES	PIPE
S145-3-2	145-3-2	3/16	1/8
S145-4-2	145-4-2	1/4	1/8
S145-4-4	145-4-4	1/4	1/4
S145-5-2	145-5-2	5/16	1/8
S145-5-4	145-5-4	5/16	1/4
S145-6-2	151-6-2	3/8	1/8
S145-6-4	145-6-4	3/8	1/4
S145-6-6	145-6-6	3/8	3/8
S145-6-8	145-6-8	3/8	1/2
S145-8-6	145-8-6	1/2	3/8
S145-8-8	145-8-8	1/2	1/2
S145-10-8	145-10-8	5/8	1/2
S145-12-12	145-12-8	3/4	1/2

[B] FORGED FLARE TEE - TUBE ALL 3 ENDS

TS P/N	CMI P/N	TUBE
S144-2	144-2	1/8
S144-3	144-3	3/16
S144-4	144-4	1/4t
S144-5	144-5	5/16
S144-6	144-6	3/8
S144-8	144-8	1/2
S144-10	144-10	5/8

[E] FLARE TEE - TUBE ALL 3 ENDS

TS P/N	CMI P/N	TUBES	BRANCH
S44-3	44-3	3/16	3/16
S44-4	44-4	1/4	1/4
S44-5	44-5	5/16	5/16
S44-6	44-6	3/8	3/8
S44-6-6-8	44-6-6-8	3/8	1/2
S44-8	44-8	1/2	1/2
S44-10	44-10	5/8	5/8

[C] FLARE TEE WITH MALE PIPE THREAD ON BRANCH

TS P/N	CMI P/N	TUBES	PIPE
S45-6-2	45-6-2	3/8	1/8

[F] FORGED FLARE CROSS - ALL 4 ENDS

TS P/N	CMI P/N	TUBE
S152-6	152-6	3/8

45° BRASS FLARE FITTINGS



**[A] 9/16-24 FINE THREAD
FLARE X M.I.P ELBOW**

P/N	TUBE	PIPE
FRC16-6-6	3/8	3/8
FRC18-6-8	3/8	1/2

**[D] 9/16-24 FINE THREAD
FLARE X M.I.P ELBOW**

P/N	TUBE	PIPE
FRC11-6-6	3/8	3/8
FRC13-6-8	3/8	1/2

[B] 9/16-24 FINE THREAD FLARE CAP

P/N	TUBE
FC-6	3/8

[E] 9/16-24 FINE THREAD FLARE NUT

P/N	TUBE
FO-6	3/8

[C] 9/16-24 FINE THREAD FLARE UNION

TS P/N	TUBE
FU3-6	3/8

**[F] 9/16-24 FINE THREAD FLARE TEE -
TUBE ALL 3 ENDS**

P/N	TUBE
FT3-6	3/8

BRASS INVERTED FLARE FITTINGS

PRODUCT FEATURES

- Inverted flare fittings resist mechanical pull out.
- Designed to be assembled and disassembled over and over again.
- Available in a broad range of sizes.

TEMPERATURE RANGE

From -65°F to +250°F

PRODUCT APPLICATION

For use with hydraulic brake, transmission and fuel lines, steering lines, and LP gas.

ASSEMBLY INSTRUCTIONS

1. To remove burrs cut tubing squarely and clean tube ends thoroughly.
2. Place nut onto tube. Place threaded end of nut toward end of tube.
3. To prevent pinch-off or cracked flares on thin wall copper, or on welded or brazed tubing, use double flare.
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 to 1/2 turn past finger tight for a metal to metal seal.

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Dimensions and configurations subject to change without notice.

CONTENT

Machined from brass

WORKING PRESSURE

Working pressure is determined by Tube thickness.

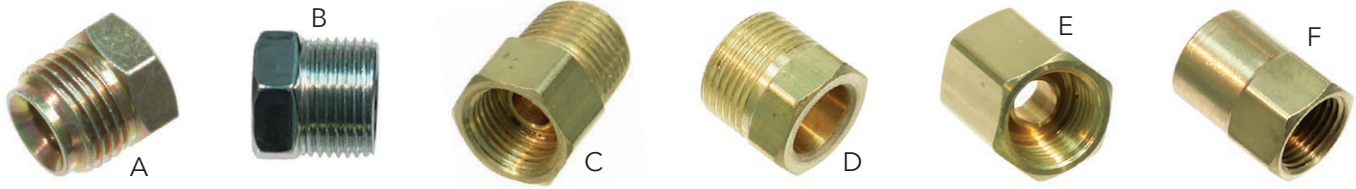
TUBE & PIPE THREAD SIZES

SIZE	PSI	TUBE WALL
2 = 1/8" (2/16")	2800	.030
3 = 3/16" (3/16")	1900	.030
4 = 1/4" (4/16")	1400	.030
5 = 5/16" (5/16")	1200	.032
6 = 3/8" (6/16")	1000	.032
8 = 1/2" (8/16")	750	.032
10 = 5/8" (10/16")	650	.035
12 = 3/4" (12/16")	550	.035

NOTE: Sizes are determined by the number of sixteenths of an inch.



BRASS INVERTED FLARE FITTINGS



[A] STEEL PLUG

TS P/N	CMI P/N	TUBE
-	131IFS-3	3/16
-	131IFS-4	1/4
-	131IFS-5	5/16
-	131IFS-6	3/8

[B] STEEL NUT

TS P/N	CMI P/N	TUBE
S41IFS-2	41IFS-2	1/8
S41IFS-3	41IFS-3	3/16
S41IFS-4	41IFS-4	1/4
S41IFS-5	41IFS-5	5/16
S41IFS-6	41IFS-6	3/8
S41IFS-8	41IFS-8	1/2
S41IFS-10	41IFS-10	5/8
S41IFS-12	41IFS-12	3/4

[C] MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S48IF-2-2	48IF-2-2	1/8	1/8
S48IF-3-2	48IF-3-2	3/16	1/8
S48IF-4-2	48IF-4-2	1/4	1/8
S48IF-4-4	48IF-4-4	1/4	1/4
S48IF-5-2	48IF-5-2	5/16	1/8
S48IF-5-4	48IF-5-4	5/16	1/4
S48IF-6-2	48IF-6-2	3/8	1/8
S48IF-6-4	48IF-6-4	3/8	1/4
S48IF-6-6	48IF-6-6	3/8	3/8
S48IF-8-4	48IF-8-4	1/2	1/4
S48IF-8-6	48IF-8-6	1/2	3/8
S48IF-8-8	48IF-8-8	1/2	1/2
S48IF-10-8	48IF-10-8	3/4	1/2

[D] BRASS NUT

TS P/N	CMI P/N	TUBE
S41IF-2	41IF-2	1/8
S41IF-3	41IF-3	3/16
S41IF-4	41IF-4	1/4
S41IF-5	41IF-5	5/16
S41IF-6	41IF-6	3/8
S41IF-8	41IF-8	1/2

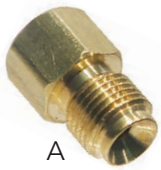
[E] UNION FLARE

TS P/N	CMI P/N	TUBE
S42IF-2	42IF-2	1/8
S42IF-3	42IF-3	3/16
S42IF-4	42IF-4	1/4
S42IF-5	42IF-5	5/16
S42IF-6	42IF-6	3/8
S42IF-8	42IF-8	1/2

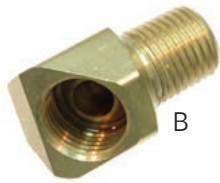
[F] FEMALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S46IF-3-2	46IF-3-2	3/16	1/8
S46IF-4-2	46IF-4-2	1/4	1/8
S46IF-5-2	46IF-5-2	5/16	1/8
S46IF-6-4	46IF-6-4	3/8	1/4
S46IF-8-6	46IF-8-6	1/2	3/8

BRASS INVERTED FLARE FITTINGS



A



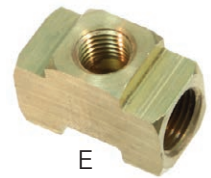
B



C



D



E

[A] HYDRAULIC BRAKE ADAPTER

P/N	FLARE	TUBE
7818	1/4	3/16
7828	3/16	1/4
7829	5/16	1/4
7897	3/16	5/16

[D] FEMALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S250IF-4-2	50IF-4-2	1/4	1/8
S250IF-6-4	50IF-6-4	3/8	1/4

[B] 45° ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S259IF-3-2	59IF-3-2	3/16	1/8
S259IF-4-2	59IF-4-2	1/4	1/8
S259IF-5-2	59IF-5-2	5/16	1/8
S259IF-6-4	59IF-6-4	3/8	1/4
S259IF-8-6	59IF-8-6	1/2	3/8

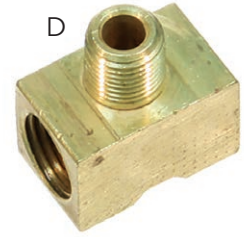
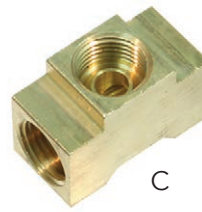
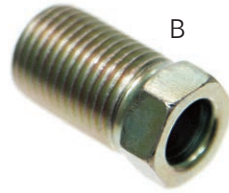
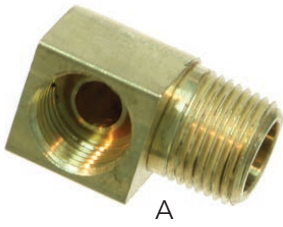
[E] FEMALE BRANCH TEE

TS P/N	CMI P/N	TUBE	PIPE
S252IF-3-2	52IF-3-2	3/16	1/8
S252IF6-4	52IF-6-4	3/8	1/4

[C] MALE RUN TEE

TS P/N	CMI P/N	TUBE	PIPE
S251IF-3-2	51IF-3-2	3/16	1/8
S251IF-4-2	51IF-4-2	1/4	1/8
S251IF-5-2	51IF-5-2	5/16	1/8
S251IF-6-4	51IF-6-4	3/8	1/4

BRASS INVERTED FLARE FITTINGS



[A] MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S249IF-2-2	49IF-2-2	1/8	1/8
S249IF-3-2	49IF-3-2	3/16	1/8
S249IF-4-2	49IF-4-2	1/4	1/8
S249IF-4-4	49IF-4-4	1/4	1/4
S249IF-5-2	49IF-5-2	5/16	1/8
S249IF-5-4	49IF-5-4	5/16	1/4
S249IF-6-2	49IF-6-2	3/8	1/8
S249IF-6-4	49IF-6-4	3/8	1/4
S249IF-6-6	49IF-6-6	3/8	3/8
S249IF-8-4	49IF-8-4	1/2	1/4
S249IF-8-6	49IF-8-6	1/2	3/8
S249IF-8-8	49IF-8-8	1/2	1/2
S249IF-10-6	49IF-10-6	3/4	3/8
S249IF-10-8	49IF-10-8	3/4	1/2

[C] UNION TEE

TS P/N	CMI P/N	TUBE
S244IF-3	44IF-3	3/16
S244IF-4	44IF-4	1/4
S244IF-5	44IF-5	5/16
S244IF-6	44IF-6	3/8
S244IF-8	44IF-8	1/2

[D] MALE BRANCH TEE

TS P/N	CMI P/N	TUBE	PIPE
S245IF-3-2	45IF-3-2	3/16	1/8
S245IF-4-2	45IF-4-2	1/4	1/8
S245IF-5-2	45IF-5-2	5/16	1/8
S245IF-6-4	45IF-6-4	3/8	1/4

[B] LONG NUT

P/N	TUBE
7896-3	3/16
7896-4	1/4

BRASS COMPRESSION FITTINGS

PRODUCT ADVANTAGES

- Compression Fittings do not need any flaring, fusing or other types of tubing preparation
- Available in a variety of sizes and styles
- Low Cost

PRODUCT APPLICATION

- For use with instrumentation hydraulic and pneumatic systems. *Do not use for gas connections of any kind.*
- Designed to be used with aluminum, copper and plastic tubing. Not recommended for steel tubing. Plastic tubing will require a 63PT insert and 60PT sleeve.
- Recommended for pressure ratings from 0-400 PSI, consult table.

TEMPERATURE RANGE

From -65°F to +250°F

CONTENT

Machined from brass

ASSEMBLY INSTRUCTIONS

1. Slide nut and sleeve onto tubing.
2. Insert the tube into the fitting. The tube should be bottomed on the fitting shoulder
3. Assemble nut to the body, and tighten "hand-tight".
4. Wrench tighten up to 2 1/4 turns, depending on size.

CAUTION: Do not use an adhesive or sealing material

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: Dimensions and configurations subject to change without notice.

TUBE & PIPE THREAD SIZES

TUBE O.D.	MAX PRESSURE
2 = 1/8" (2/16")	400
3 = 3/16" (3/16")	400
4 = 1/4" (4/16")	300
5 = 5/16" (5/16")	300
6 = 3/8" (6/16")	200
8 = 1/2" (8/16")	200
10 = 5/8" (10/16")	150
12 = 3/4" (12/16")	100

NOTE: Sizes are determined by the number of sixteenths of an inch.





[A] COMPRESSION FITTING INSERT

Brass, Drop-In Style

TS P/N	CMI P/N	TUBE
S63PT-4	63PT-4	1/4
S63PT-5	63PT-5	5/16
S63PT-6	63PT-6	3/8
S63PT-8	63PT-8	1/2
S63PT-10	63PT-10	3/4

[E] ACETAL COMPRESSION SLEEVE

TS P/N	CMI P/N	SIZE
S60PT-4	60PT-4	1/4
S60PT-5	60PT-5	5/16
S60PT-6	60PT-6	3/8
S60PT-8	60PT-8	1/2
S60PT-10	60PT-10	5/8

NOTE: Acetal = Polymer Resin

[B] COMPRESSION NUT

TS P/N	CMI P/N	TUBE
S61-2	61-2	1/8
S61-3	61-3	3/16
S61-4	61-4	1/4
S61-5	61-5	5/16
S61-6	61-6	3/8
S61-7	61-7	7/16
S61-8	61-8	1/2
S61-10	61-10	5/8
S61-12	61-12	3/4
S61-14	61-14	7/8

[F] COMPRESSION SLEEVE

TS P/N	CMI P/N	TUBE
S60-2	60-2	1/8
S60-3	60-3	3/16
S60-4	60-4	1/4
S60-5	60-5	5/16
S60-6	60-6	3/8
S60-7	60-7	7/16
S60-8	60-8	1/2
S60-10	60-10	5/8
S60-12	60-12	3/4
S60-14	60-14	7/8

[C] COMPRESSION CAP

TS P/N	CMI P/N	TUBE
S61CP-4	61CP-4	1/4
S61CP-6	61CP-6	3/8
S61CP-8	61CP-8	1/2
S61CP-10	61CP-10	5/8

[G] COMPRESSION NUT - LONG

TS P/N	CMI P/N	TUBE
S61L-2	61L-2	1/8
S61L-3	60-3	3/16
S61L-4	61L-4	1/4
S61L-5	61L-5	5/16
S61L-6	61L-6	3/8
S61L-8	61L-8	1/2
S61L-10	61L-10	5/8
S61L-12	61L-12	3/4

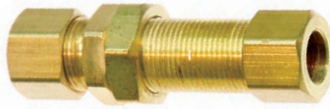
[D] COMPRESSION PLUG

P/N	TUBE
CSP-4	1/4
CSP-6	3/8
CSP-8	1/2
CSP-10	5/8

BRASS COMPRESSION FITTINGS



A



B



C

[A] COMPRESSION UNION - TUBE BOTH ENDS

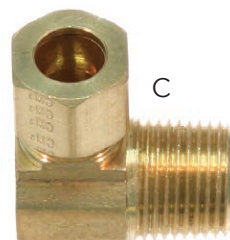
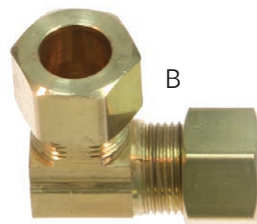
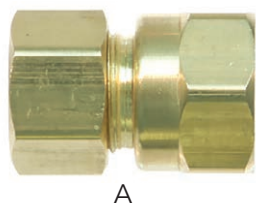
TS P/N	CMI P/N	TUBES
S62-2	62-2	1/8
S62-3	62-3	3/16
S62-4-2	62-4-2	1/4 & 1/8
S62-4-3	62-4-3	1/4 & 3/16
S62-4	62-4	1/4
S62-5-4	62-5-4	5/16 & 1/4
S62-5	62-5	5/16
S62-6-4	62-6-4	3/8 & 1/4
S62-6-5	62-6-5	3/8 & 5/16
S62-6	62-6	3/8
S62-7	62-7	7/16
S62-8-6	62-8-6	1/2 & 3/8
S62-8	62-8	1/2
S62-10-6	62-10-6	5/8 & 3/8
S62-10-8	62-10-8	5/8 & 1/2
S62-10	62-10	5/8
S62-12	62-12	3/4
S62-14	62-14	7/8

[B] COMPRESSION BULKHEAD UNION

P/N	TUBE
62BH-4	1/4
62BH-6	3/8

[C] COMPRESSION X M.P.T. CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S68-2-1	68-2-1	1/8	1/16
S68-2-2	68-2-2	1/8	1/8
S68-3-2	68-3-2	3/16	1/8
S68-3-4	68-3-4	3/16	1/4
S68-4-2	68-4-2	1/4	1/8
S68-4-4	68-4-4	1/4	1/4
S68-4-6	68-4-6	1/4	3/8
S68-4-8	68-4-8	1/4	1/2
S68-5-2	68-5-2	5/16	1/8
S68-5-4	68-5-4	5/16	1/4
S68-5-6	68-5-6	5/16	3/8
S68-6-2	68-6-2	3/8	1/8
S68-6-4	68-6-4	3/8	1/4
S68-6-6	68-6-6	3/8	3/8
S68-6-8	68-6-8	3/8	1/2
S68-6-12	68-6-12	3/8	3/4
S68-7-4	68-7-4	7/16	1/4
S68-8-4	68-8-4	1/2	1/4
S68-8-6	68-8-6	1/2	3/8
S68-8-8	68-8-8	1/2	1/2
S68-8-12	68-8-12	1/2	3/4
S68-10-6	68-10-6	5/8	3/8
S68-10-8	68-10-8	5/8	1/2
S68-10-12	68-10-12	5/8	3/4
S68-12-8	68-12-8	3/4	1/2
S68-12-12	68-12-12	3/4	3/4
S68-14-8	68-14-8	7/8	1/2
S68-14-12	68-14-12	7/8	3/4
S68-14-16	68-14-16	7/8	1



[A] COMPRESSION X F.P.T. CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S66-2-2	66-2-2	1/8	1/8
S66-3-2	66-3-2	3/16	1/8
S66-3-4	66-3-4	3/16	1/4
S66-4-2	66-4-2	1/4	1/8
S66-4-4	66-4-4	1/4	1/4
S66-4-6	66-4-6	1/4	3/8
S66-4-8	66-4-8	1/4	1/2
S66-5-2	66-5-2	5/16	1/8
S66-5-4	66-5-4	5/16	1/4
S66-6-2	66-6-2	3/8	1/8
S66-6-4	66-6-4	3/8	1/4
S66-6-6	66-6-6	3/8	3/8
S66-6-8	66-6-8	3/8	1/2
S66-8-4	66-8-4	1/2	1/4
S66-8-6	66-8-6	1/2	3/8
S66-8-8	66-8-8	1/2	1/2
S66-10-6	66-10-6	5/8	3/8
S66-10-8	66-10-8	5/8	1/2

[C] COMPRESSION X M.P.T. ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S69-2-2	69-2-2	1/8	1/8
S69-3-2	69-3-2	3/16	1/8
S69-3-4	69-3-4	3/16	1/4
S69-4-2	69-4-2	1/4	1/8
S69-4-4	69-4-4	1/4	1/4
S69-4-6	69-4-6	1/4	3/8
S69-5-2	69-5-2	5/16	1/8
S69-5-4	69-5-4	5/16	1/4
S69-5-6	69-5-6	5/16	3/8
S69-6-2	69-6-2	3/8	1/8
S69-6-4	69-6-4	3/8	1/4
S69-6-6	69-6-6	3/8	3/8
S69-6-8	69-6-8	3/8	1/2
S69-7-4	69-7-4	7/16	1/4
S69-7-6	69-7-6	7/16	3/8
S69-8-4	69-8-4	1/2	1/4
S69-8-6	69-8-6	1/2	3/8
S69-8-8	69-8-8	1/2	1/2
S69-10-6	69-10-6	5/8	3/8
S69-10-8	69-10-8	5/8	1/2

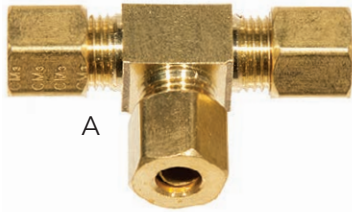
[B] COMPRESSION UNION ELBOW - TUBE BOTH ENDS

TS P/N	CMI P/N	TUBE
S65-2	65-2	1/8
S65-3	65-3	3/16
S65-4	65-4	1/4
S65-5	65-5	5/16
S65-6	65-6	3/8
S65-7	65-7	7/16
S65-8	65-8	1/2
S65-10	65-10	5/8
S65-12	65-12	3/4

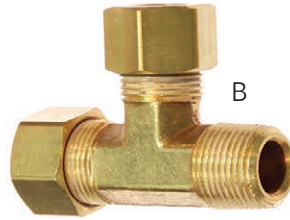
[D] COMPRESSION X F.P.T. ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S70-3-2	70-3-2	3/16	1/8
S70-4-2	70-4-2	1/4	1/8
S70-4-4	70-4-4	1/4	1/4
S70-5-2	70-5-2	5/16	1/8
S70-5-4	70-5-4	5/16	1/4
S70-6-2	70-6-2	3/8	1/8
S70-6-4	70-6-4	3/8	1/4
S70-6-6	70-6-6	3/8	3/8
S70-6-8	70-6-8	3/8	1/2
S70-8-6	70-8-6	1/2	3/8
S70-10-8	70-10-8	5/8	1/2

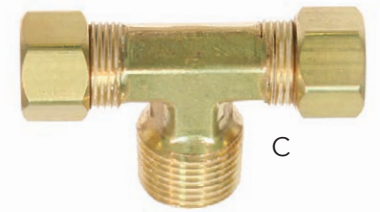
BRASS COMPRESSION FITTINGS



A



B



C

[A] COMPRESSION TEE - TUBE ALL 3 ENDS

TS P/N	CMI P/N	TUBES
S64-2	64-2	1/8
S64-3	64-3	3/16
S64-4	64-4	1/4
S64-5	64-5	5/16
S64-6-6-4	64-6-6-4	3/8 & 1/4
S64-6	64-6	3/8
S64-8-8-6	64-8-8-6	1/2 & 3/8
S64-8	64-8	1/2

[C] COMPRESSION TEE WITH MALE PIPE THREAD ON BRANCH

TS P/N	CMI P/N	TUBES	PIPE
S72-2-2	72-2-2	1/8	1/8
S72-3-2	72-3-2	3/16	1/8
S72-4-2	72-4-2	1/4	1/8
S72-4-4	72-4-4	1/4	1/4
S72-5-2	72-5-2	5/16	1/8
S72-5-4	72-5-4	5/16	1/4
S72-6-2	72-6-2	3/8	1/8
S72-6-4	72-6-4	3/8	1/4
S72-6-6	72-6-6	3/8	3/8
S72-8-6	72-8-6	1/2	3/8
S72-8-8	72-8-8	1/2	1/2
S72-10-8	72-10-8	5/8	1/2

[B] COMPRESSION TEE WITH MALE PIPE THREAD ON RUN

TS P/N	CMI P/N	TUBES	PIPE
S71-2-2	71-2-2	1/8	1/8
S71-3-2	71-3-2	3/16	1/8
S71-4-2	71-4-2	1/4	1/8
S71-4-4	71-4-4	1/4	1/4
S71-5-2	71-5-2	5/16	1/8
S71-5-4	71-5-4	5/16	1/4
S71-6-2	71-6-2	3/8	1/8
S71-6-4	71-6-4	3/8	1/4
S71-6-6	71-6-6	3/8	3/8
S71-8-6	71-8-6	1/2	3/8
S71-8-8	71-8-8	1/2	1/2

CAPTIVE SLEEVE COMPRESSION FITTINGS

PRODUCT ADVANTAGES

- Compression Fittings do not need any flaring, fusing or other types of tubing preparation
- Available in a variety of sizes and styles - Low cost
- Quicker to assemble than flare or standard compression fittings
- Captive sleeve bodies are interchangeable with standard compression fittings and bodies

TEMPERATURE RANGE

From -65°F to +250°F

PRODUCT APPLICATION

- For use with instrumentation hydraulic and pneumatic systems. Do not use for gas connections of any kind.
- Designed to be used with aluminum, copper and plastic tubing. Not recommended for steel tubing.
- Recommended for pressure ratings from 0-400 PSI, consult table.

ASSEMBLY INSTRUCTIONS

1. Cut tubing squarely and remove burrs
2. Slide nut and sleeve onto tubing.
3. Insert the tube into the fitting. The tube should be bottomed on the fitting shoulder.
4. Assemble nut to the body, and tighten hand-tight.
5. Wrench tighten up to 2 1/4 turns, depending on size.

CAUTION: Do not use an adhesive or sealing type material.

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: - Dimensions and configurations are subject to change without notice.
- As of January 1, 2014 Tramec Sloan is not legal for potable water applications, per Federal Reduction of Lead in Drinking Water Act of 2011.

CONTENT

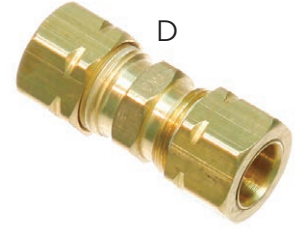
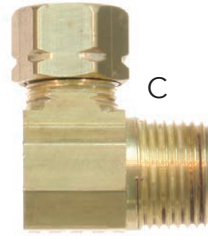
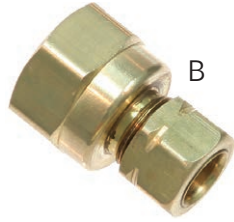
Machined from brass

TUBE & PIPE THREAD SIZES

TUBE O.D.	MAX PRESSURE
2 = 1/8" (2/16")	400
3 = 3/16" (3/16")	400
4 = 1/4" (4/16")	300
5 = 5/16" (5/16")	300
6 = 3/8" (6/16")	200
8 = 1/2" (8/16")	200
10 = 5/8" (10/16")	150
12 = 3/4" (12/16")	100

NOTE: Sizes are determined by the number of sixteenths of an inch.

CAPTIVE SLEEVE COMPRESSION FITTINGS



[A] COMPRESSION NUT

P/N	TUBE
61CA-2	1/8
61CA-3	3/16
61CA-4	1/4
61CA-5	5/16
61CA-6	3/8
61CA-8	1/2
61CA-10	5/8
61CA-12	3/4
61CA-14	7/8

[B] COMPRESSION X F.P.T. UNION

P/N	TUBES	PIPE
66CA-2-2	1/8	1/8
66CA-4-2	1/4	1/8
66CA-4-4	1/4	1/4
66CA-6-4	3/8	1/4
66CA-6-6	3/8	3/8
66CA-6-8	3/8	1/2
66CA-8-4	1/2	1/4
66CA-8-6	1/2	3/8
66CA-8-8	1/2	1/2

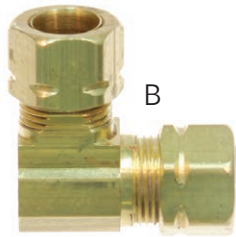
[C] COMPRESSION X M.P.T. ELBOW

P/N	TUBES	PIPE
69CA-2-2	1/8	1/8
69CA-3-2	3/16	1/8
69CA-4-2	1/4	1/8
69CA-4-4	1/4	1/4
69CA-4-6	1/4	3/8
69CA-5-4	5/16	1/4
69CA-5-6	5/16	3/8
69CA-6-2	3/8	1/8
69CA-6-4	3/8	1/4
69CA-6-6	3/8	3/8
69CA-8-6	1/2	3/8
69CA-8-8	1/2	1/2

[D] COMPRESSION UNION - TUBE BOTH ENDS

P/N	TUBES
62CA-2	1/8
62CA-3	3/16
62CA-4	1/4
62CA-5	5/16
62CA-5-4	5/16 & 1/4
62CA-6	3/8
62CA-6-4	3/8 & 1/4
62CA-8	1/2
62CA-8-6	1/2 & 3/8
62CA-10	5/8
62CA-12	3/4

CAPTIVE SLEEVE COMPRESSION FITTINGS



[A] COMPRESSION X M.P.T. CONNECTOR

P/N	TUBES	PIPE
68CA-2-2	1/8	1/8
68CA-3-2	3/16	1/8
68CA-3-4	3/16	1/4
68CA-4-2	1/4	1/8
68CA-4-4	1/4	1/4
68CA-4-6	1/4	3/8
68CA-5-2	5/16	1/8
68CA-5-4	5/16	1/4
68CA-6-2	3/8	1/8
68CA-6-4	3/8	1/4
68CA-6-6	3/8	3/8
68CA-6-8	3/8	1/2
68CA-8-4	1/2	1/4
68CA-8-6	1/2	3/8
68CA-8-8	1/2	1/2

[C] COMPRESSION TEE - TUBE ALL 3 ENDS

P/N	TUBE
64CA-2	1/8
64CA-3	3/16
64CA-4	1/4
64CA-6	3/8
64CA-8	1/2

[D] COMPRESSION TEE WITH MALE PIPE THREAD ON BRANCH

P/N	TUBES	PIPE
72CA-2-2	1/8	1/8
72CA-4-2	1/4	1/8
72CA-5-4	5/16	1/4
72CA-6-4	3/8	1/4

[B] COMPRESSION ELBOW - TUBE BOTH ENDS

P/N	TUBE
65CA-4	1/4
65CA-5	5/16
65CA-6	3/8
65CA-8	1/2

[E] COMPRESSION TEE WITH MALE PIPE THREAD ON RUN

P/N	TUBES	PIPE
71CA-4-2	1/4	1/8
71CA-4-4	1/4	1/4
71CA-6-4	3/8	1/4
71CA-6-6	3/8	3/8
71CA-8-6	1/2	3/8
71CA-8-8	1/2	1/2

GREASE FITTINGS



A - 491807



A - 491808



A - 491809

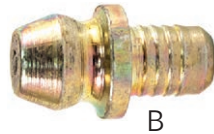


A - 491810

[A] SAE

P/N	OVERALL LENGTH	PIPE THREAD	HEX SIZE
491807	35/64"	1/4"-28	5/16"
491808	15/16"	1/4"-28	5/16"

P/N	OVERALL LENGTH	PIPE THREAD	HEX SIZE	ANGLE
491809	13/16"	1/4"-28	3/8"	45°
491810	3/4"	1/4"-28	3/8"	90°



B



C

[B] DRIVE

P/N	OVERALL LENGTH	PIPE THREAD	HEX SIZE
491813	17/32"	3/16"	5/16"
491814	35/64"	1/4"	5/16"
491815*	35/64"	5/16"	3/8"

* No ball check in fitting

[C] UNF

P/N	OVERALL LENGTH	PIPE THREAD	HEX SIZE
491816	9/16"	5/16"-24	3/8"
491817	81/128"	3/8"-24	7/16"



[A] PIPE THREAD

P/N	OVERALL LENGTH	PIPE THREAD	HEX SIZE
491801	21/32"	1/8"-27	7/16"
491802	1-1/4"	1/8"-27	7/16"

P/N	OVERALL LENGTH	PIPE THREAD	HEX SIZE	ANGLE
491803	29/32"	1/8"-27	7/16"	30°
491804	55/64"	1/8"-27	7/16"	45°
491805	55/64"	1/8"-27	7/16"	65°
491806	27/32"	1/8"-27t	7/16"	90°
491811	7/8"	1/4"-28	9/16"	-
491812	31/32"	1/4"-28	9/16"	45°

GREASE FITTING ASSORTMENT

P/N 491800 - A Packaged Kit that Includes the Below Fittings:

P/N	PACKAGE QUANTITY	DESCRIPTION
491807	60	1/4" x 28 SAE Straight
491801	20	1/8" x 27 PTF Straight
491809	6	1/4" x 28 SAE 45° Angle
491810	6	1/4" x 28 SAE 90° Angle
491804	4	1/8" x 27 PTF 45° Angle
491806	4	1/8" x 27 PTF 90° Angle



BRASS HOSE BARBS

SUFFIXES

C = Carton V= Thread Sealant

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

WORKING PRESSURE

Working Pressure of up to 150 psi

TEMPERATURE RANGE

From -40°F to +160°F

ASSEMBLY INSTRUCTIONS

1. Cut hose cleanly and squarely to length.
2. Slide hose clamp onto hose end
3. Lubricate hose. Push hose onto fitting until hose reaches fitting stop ring or hex.
4. Move hose clamp over hose and barb. Tighten with screwdriver or wrench.

NOTE: Dimensions and configurations subject to change without notice.

TUBE & PIPE THREAD SIZES

Sizes are determined by the number of sixteenths of an inch.

2 = 1/8" (2/16")	5 = 5/16" (5/16")	10 = 5/8" (10/16")
3 = 3/16" (3/16")	6 = 3/8" (6/16")	12 = 3/4" (12/16")
4 = 1/4" (4/16")	8 = 1/2" (8/16")	

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PRODUCT APPLICATION

- Rubber hose and rubber or thermoplastic tubing.
- Intended to be used with a clamp or crimp system.

PRODUCT FEATURES

- Excellent vibration resistance.

PACKAGING AND ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.





[A] HOSE BARB TO MALE PIPE FITTING

TS P/N	CMI P/N	HOSE I.D.	PIPE
S125-2-2	125-2-2	1/8	1/8
S125-2-4	125-2-4	1/8	1/4
S125-3-2	125-3-2	3/16	1/8
S125-3-4	125-3-4	3/16	1/4
S125-4-2	125-4-2	1/4	1/8
S125-4-4	125-4-4	1/4	1/4
S125-4-6	125-4-6	1/4	3/8
S125-4-8	125-4-8	1/4	1/2
S125-5-2	125-5-2	5/16	1/8
S125-5-4	125-5-4	5/16	1/4
S125-5-6	125-5-6	5/16	3/8
S125-6-2	125-6-2	3/8	1/8
S125-6-4	125-6-4	3/8	1/4
S125-6-6	125-6-6	3/8	3/8
S125-6-8	125-6-8	3/8	1/2
S125-8-4	125-8-4	1/2	1/4
S125-8-6	125-8-6	1/2	3/8
S125-8-8	125-8-8	1/2	1/2
S125-8-12	125-8-12	1/2	3/4
S125-10-6	125-10-6	5/8	3/8
S125-10-8	125-10-8	5/8	1/2
S125-10-12	125-10-12	5/8	3/4
S125-12-8	125-12-8	3/4	1/2
S125-12-12	125-12-12	3/4	3/4
S125-16-12	125-16-12	1	3/4
S125-16-16	125-16-16	1	1

[B] HOSE BARB TO SWIVEL FEMALE FLARE

TS P/N	CMI P/N	HOSE I.D.	PIPE
S146-4-4	146-4-4	1/4	1/4
S146-4-6	146-4-6	1/4	3/8
S146-6-6	146-6-6	3/8	3/8
S146-6-8	146-6-8	3/8	1/2
S146-8-8	146-8-8	1/2	1/2

[C] HOSE BARB TO FEMALE PIPE FITTING

TS P/N	CMI P/N	HOSE I.D.	PIPE
S126-2-2	126-2-2	1/8	1/8
S126-3-2	126-3-2	3/16	1/8
S126-4-2	126-4-2	1/4	1/8
S126-4-4	126-4-4	1/4	1/4
S126-4-6	126-4-6	1/4	3/8
S126-5-2	126-5-2	5/16	1/8
S126-5-4	126-5-4	5/16	1/4
S126-6-2	126-6-2	3/8	1/8
S126-6-4	126-6-4	3/8	1/4
S126-6-6	126-6-6	3/8	3/8
S126-6-8	126-6-8	3/8	1/2
S126-8-4	126-8-4	1/2	1/4
S126-8-6	126-8-6	1/2	3/8
S126-8-8	126-8-8	1/2	1/2

[D] HOSE BARB TO SWIVEL FEMALE BALL - END

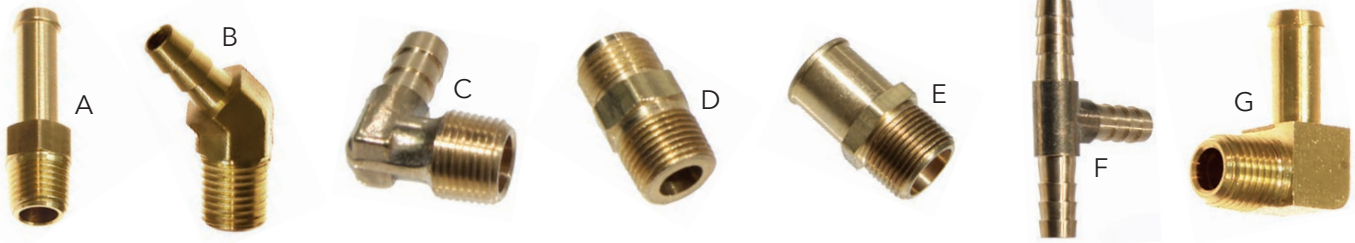
TS P/N	CMI P/N	HOSE I.D.	NPSM
S128-4-4	128-4-4	1/4	1/4
S128-5-4	128-5-4	5/16	1/4
S128-6-4	128-6-4	3/8	1/4
S128-6-6	128-6-6	3/8	3/8
S128-8-6	128-8-6	1/2	3/8
S128-8-8	128-8-8	1/2	1/2
S128-12-12	128-12-12	3/4	3/4

NOTE: For use with Ball Joint Adapter on page 64, P/N 127.

[E] HOSE BARB SPLICER

TS P/N	CMI P/N	PIPE	HOSE
S73-3	73-3		3/16
S73-4	73-4		1/4
S73-5	73-5		5/16
S73-6	73-6		3/8
S73-8	73-8		1/2

BRASS HOSE BARBS



[A] MALE HOSE END

P/N	HOSE I.D.	PIPE
1551A	5/16	1/8
1555	5/16	1/4
1564	3/8	1/4
1668-10	5/8	1/2
1668-10-6	5/8	3/8
1668-12	3/4	1/2

[B] 45° HOSE BARB ELBOW TO MALE PIPE FITTING

TS P/N	CMI P/N	HOSE I.D.	PIPE
S139-4-2	139-4-2	1/4	1/8
S139-5-2	139-5-2	5/16	1/8
S139-5-4	139-5-4	5/16	1/4
S139-6-2	139-6-2	3/8	1/8
S139-6-4	139-6-4	3/8	1/4
S139-6-6	139-6-6	3/8	3/8
S139-8-4	139-8-4	1/2	1/4
S139-8-6	139-8-6	1/2	3/8
S139-10-6	139-10-6	5/8	3/8

[C] 90° HOSE BARB ELBOW TO MALE PIPE FITTING

TS P/N	CMI P/N	HOSE I.D.	PIPE
S129-4-2	129-4-2	1/4	1/8
S129-4-4	129-4-4	1/4	1/4
S129-5-2	129-5-2	5/16	1/8
S129-5-4	129-5-4	5/16	1/4
S129-5-6	129-5-6	5/16	3/8
S129-6-2	129-6-2	3/8	1/8
S129-6-4	129-6-4	3/8	1/4
S129-6-6	129-6-6	3/8	3/8
S129-8-4	129-8-4	1/2	1/4
S129-8-6	129-8-6	1/2	3/8
S129-10-6	129-10-6	5/8	3/8
S129-10-8	129-10-8	5/8	1/2

[D] BALL JOINT ADAPTOR TO MALE PIPE FITTING

TS P/N	CMI P/N	NPSM	PIPE
S127-4-2	127-4-2	1/4	1/8
S127-4-4	127-4-4	1/4	1/4
S127-6-4	127-6-4	3/8	1/4
S127-6-6	127-6-6	3/8	3/8
S127-8-6	127-8-6	1/2	3/8
S127-8-8	127-8-8	1/2	1/2

NOTE: For use with Hose Barb on previous page, P/N 128.

[E] MALE HOSE BARB - SINGLE BEAD

P/N	HOSE I.D.	PIPE
SP34100	1	3/4
SP34580	5/8	3/4

[F] HOSE BARB TEE

TS P/N	CMI P/N	HOSE
SHBT2-6	HBT2-6	3/8

[G] MALE PIPE ELBOW

P/N	HOSE I.D.	PIPE
1556	5/16	1/8
1557	5/16	1/4
1571	3/8	1/4
1572	3/8	1/8
1582	1/4	1/8
1669-6-6	3/8	3/8
1669-10-6	5/8	3/8

LOW-PRESSURE, PUSH-ON BRASS HOSE BARBS

PRODUCT APPLICATION

- For use with low pressure air, oil, and lube lines
- Not recommended for fuel or refrigerant applications or for use in air conditioners or heat pumps. Also not appropriate for applications involving extreme pulsations.

TEMPERATURE RANGE

Varies based on hose used

WORKING PRESSURE

Based upon hose used

ASSEMBLY INSTRUCTIONS

1. Lubricate insert with soapy or plain water, only
2. Hold hose and push on and up over first barb
3. Continue to push straight on until hose is seated under protective plastic cap. Keep hands back from hose end area so that hose can expand.

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications

TUBE & PIPE THREAD SIZES

Sizes are determined by the number of sixteenths of an inch.

2 = 1/8" (2/16")	5 = 5/16" (5/16")	10 = 5/8" (10/16")
3 = 3/16" (3/16")	6 = 3/8" (6/16")	12 = 3/4" (12/16")
4 = 1/4" (4/16")	8 = 1/2" (8/16")	

PACKAGING & ORDERING OPTIONS

- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.



LOW-PRESSURE, PUSH-ON BRASS HOSE BARBS



[A] HOSE BARB

Push-On, Male Pipe, Rigid

TS P/N	CMI P/N	HOSE	PIPE
S625-4-2	725-4-2	1/4	1/8
S625-4-4	725-4-4	1/4	1/4
S625-6-4	725-6-4	3/8	1/4
S625-6-6	725-6-6	3/8	3/8
S625-8-6	725-8-6	1/2	3/8
S625-8-8	725-8-8	1/2	1/2
S625-10-8	725-10-8	5/8	1/2
S625-12-12	725-12-12	3/4	3/4

[B] MALE HOSE BARB

45° SAE Flare

P/N	HOSE	TUBE	THREAD
S682-4-4	1/4	1/4	7/16-20
S682-4-5	1/4	5/16	1/2-20
S682-6-5	3/8	5/16	1/2-20
S682-6-6	3/8	3/8	5/8-18
S682-6-8	3/8	1/2	3/4-16
S682-8-8	1/2	1/2	3/4-16
S682-10-8	5/8	1/2	3/4-16
S682-10-10	5/8	5/8	7/8-14
S682-12-10	3/4	5/8	7/8-14

[C] HOSE BARB

Push-On, Swivel Female, 45° Flare

TS P/N	CMI P/N	HOSE	FLARE
S684-4-4	728-4-4	1/4	1/4
S684-4-5	728-4-5	1/4	5/16
S684-6-6	728-6-6	3/8	3/8
S684-8-8	728-8-8	1/2	1/2
S684-10-10	728-10-10	5/8	5/8
S684-2-12	728-12-12	3/4	3/4

[D] HOSE BARB

Push-On, Splicer

TS P/N	CMI P/N	HOSE
S696-4	729-4	1/4
S696-6	729-6	3/8
S696-8	729-8	1/2
S696-10	729-10	5/8
S696-12	729-12	3/4

[E] HOSE BARB

Female Swivel, 37° JIC Flare

P/N	HOSE	TUBE	THREAD
S688-6-6	3/8	3/8	9/16-18
S688-12-12	3/4	3/4	1-1/16-12

LOW-PRESSURE, PUSH-ON BRASS HOSE BARBS



[A] RIGID TUBE SHANK HOSE BARB

P/N	HOSE	TUBE
S694-4-3	1/4	3/16
S694-4-4	1/4	1/4
S694-4-5	1/4	5/16
S694-6-6	3/8	3/8
S694-8-8	1/2	1/2
S694-10-10	5/8	5/8

[C] RIGID FEMALE HOSE BARB

SAE Inverted Flare

P/N	HOSE	TUBE	THREAD
S692-4-3	1/4	3/16	3/8-24
S692-4-4	1/4	1/4	7/16-24
S692-4-5	5/16	1/4	1/2-20
S692-6-5	3/8	5/16	1/2-20
S692-6-6	3/8	3/8	5/8-18
S692-8-8	1/2	1/2	3/4-18

[B] MALE SWIVEL HOSE BARB

SAE Inverted Flare

P/N	HOSE	TUBE	THREAD
S690-4-3	1/4	3/16	3/8-24
S690-4-4	1/4	1/4	7/16-20
S690-5-4	5/16	1/4	7/16-20
S690-5-5	5/16	5/16	1/2-20
S690-5-6	5/16	3/8	5/8-18
S690-6-5	3/8	5/16	1/2-20
S690-6-6	3/8	3/8	5/8-18
S690-8-8	1/2	1/2	3/4-18
S690-10-10	5/8	5/8	7/8-18

DRAIN COCKS & SHUT-OFF VALVES

PRODUCT APPLICATION

- For use with low pressure air, water, gas and fluids.
- Some lubricant fluids may not be compatible with needle valves.
- Systems temperature and tubing type must be considered.

WORKING PRESSURE

- Ground plug shut-offs can withstand 30 PSI
- Industrial drain cocks withstand 150 PSI

CONTENT

Machined from brass

TEMPERATURE RANGE

System temperature and the type of tubing used should be considered. Specific part numbers will have specific temperatures.

TUBE & PIPE THREAD SIZES

Sizes are determined by the number of sixteenths of an inch.

2 = 1/8" (2/16")	5 = 5/16" (5/16")	10 = 5/8" (10/16")
3 = 3/16" (3/16")	6 = 3/8" (6/16")	12 = 3/4" (12/16")
4 = 1/4" (4/16")	8 = 1/2" (8/16")	

INDUSTRY STANDARDS

SAE standards listed within are for reference only. We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING AND ORDERING OPTIONS

- Valves should be ordered individually by part number.
- Consult current price sheet for carton quantity details.

SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.



DRAIN COCKS & SHUT-OFF VALVES



[A] INDUSTRIAL MALE PIPE DRAIN COCK
External, 150 PSI Max

TS P/N	CMI P/N	PIPE
SDC604-2	135	1/8
SDC604-4	145	1/4
SDC604-6	270	3/8
SDC604-8	108	1/2

[E] FEMALE PIPE TO FEMALE PIPE
30 PSI Max

TS P/N	CMI P/N	PIPE
SFF209-2	FF209-2	1/8
SFF209-4	FF209-4	1/4
SFF209-6	FF209-6	3/8
SFF209-8	FF209-8	1/2

[B] COMPRESSION TO MALE PIPE
30 PSI Max

TS P/N	CMI P/N	TUBE	PIPE
SVC206-4-2	VC-206-4-2	1/4	1/8
SVC206-4-4	VC-206-4-4	1/4	1/4
SVC206-6-4	VC-206-6-4	3/8	1/4

[F] FEMALE PIPE TO MALE PIPE
30 PSI Max

TS P/N	CMI P/N	PIPE
SV402-2	V402-2	1/8
SV402-4	V402-4	1/4
SV402-6	V402-6	3/8

[C] MALE PIPE TO MALE PIPE
30 PSI Max

TS P/N	CMI P/N	PIPE
SV401-2	V401-2	1/8
SV401-4	V401-4	1/4
SV401-6	V401-6	3/8

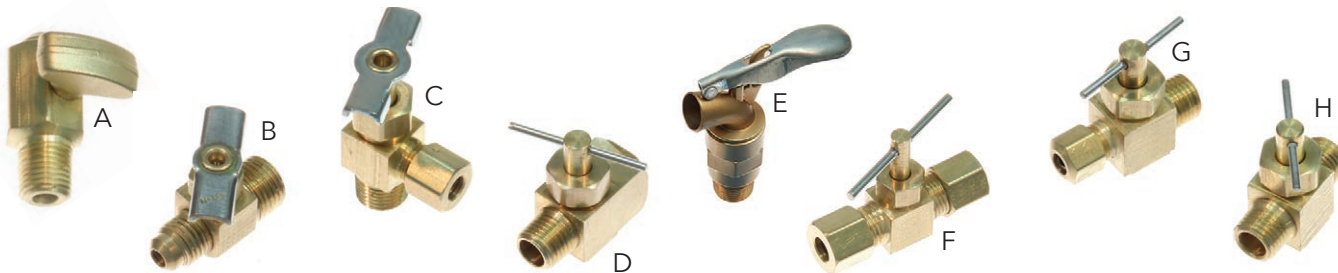
[G] COOLER DRAIN

P/N	PIPE
CD-1	1/4

[D] INTERNAL SEAT DRAIN VALVE
150 PSI Max

TS P/N	CMI P/N	PIPE
SDC603-4	1425A	1/4

DRAIN COCKS & SHUT-OFF VALVES



[A] DRAIN VALVE FOR AIR TANKS

P/N	PIPE
DCR601-4	1/4

[E] SELF-CLOSING BARREL FAUCET

P/N	PIPE
PSB640	1/4

[B] FLARE TO MALE PIPE - STRAIGHT

P/N	TUBE	PIPE
NV103-4-2	1/4	1/8
NV103-4-4	1/4	1/4
NV103-6-4	3/8	1/4

[F] COMPRESSION TO COMPRESSION

P/N	PIPE
NV105-3	3/16
NV105-4	1/4
NV105-5	5/16
NV105-6	3/8

[C] COMPRESSION TO MALE PIPE - ANGLE

P/N	TUBE	PIPE
NV104-3-2	3/16	1/8
NV104-4-2	1/4	1/8
NV104-4-4	1/4	1/4
NV104-5-2	5/16	1/8
NV104-6-4	3/8	1/4

[G] COMPRESSION TO MALE PIPE - STRAIGHT

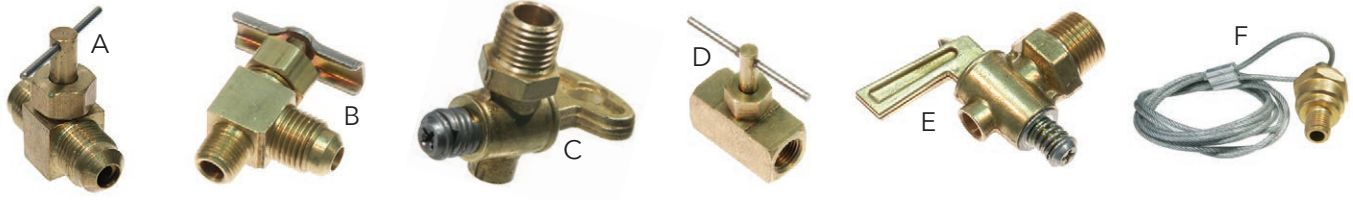
P/N	TUBE	PIPE
NV106-3-2	3/16	1/8
NV106-4-2	1/4	1/8
NV106-4-4	1/4	1/4
NV106-5-2	5/16	1/8
NV106-6-4	3/8	1/4

[D] FEMALE PIPE TO MALE PIPE

P/N	PIPE
NV108-2	1/8
NV108-4	1/4

[H] MALE PIPE TO MALE PIPE

P/N	PIPE
NV107-2	1/8
NV107-4	1/4



[A] FLARE TO FLARE

P/N	PIPE
NV102-4	1/4
NV102-6	3/8

[B] FLARE TO MALE PIPE - ANGLE

P/N	TUBE	PIPE
NV101-4-2	1/4	1/8
NV101-5-2	5/16	1/8
NV101-6-4	3/8	1/4

[C] DRAIN COCKS & DRAIN VALVES

For Air Tanks

P/N	PIPE
35HD	1/4

[D] DOUBLE FEMALE DRAIN PIPE

With Shut-Off Valve

P/N	PIPE
6800	1/8
6805	1/4

[E] GROUND PLUG VALVE MALE PIPE

P/N	CMI P/N	THREAD	HGT.	WID.
SV601-2	V601-2	1/8	1.90	1.4
SV601-4	V601-4	1/4	1.90	1.50
SV601-6	V601-6	3/8	2.30	1.75
SV601-8	V601-8	1/2	2.30	1.90

[F] DRAIN VALVE WITH CABLE

TS P/N	CMI P/N	PIPE	LENGTH
401051	4-032DV	1/4	32"
401095	4-048DV-LP	1/4	48"
401086	4-060DV-LP	1/4	60"
401094	4-060DVUC-LP	1/4	60"
401045	4-048DV	1/4	48"
401046	4-060DV	1/4	60"
401047	4-060DVUC	1/4	60"

NOTE: LP = Low Profile

GARDEN HOSE FITTINGS

PRODUCT APPLICATION

For use in garden hose applications with low pressure.

TUBE & PIPE THREAD SIZES

Sizes are determined by the number of sixteenths of an inch.

2 = 1/8" (2/16")	6 = 3/8" (6/16")
3 = 3/16" (3/16")	8 = 1/2" (8/16")
4 = 1/4" (4/16")	10 = 5/8" (10/16")
5 = 5/16" (5/16")	12 = 3/4" (12/16")

TEMPERATURE RANGE

Varies based on hose used

CONTENT

Machined from brass

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING AND ORDERING OPTIONS

- Valves should be ordered individually by part number.
- Consult current price sheet for packaging options.

SPECIAL ORDERS

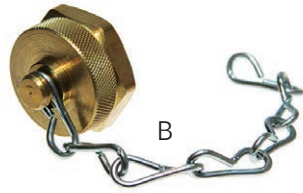
High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

NOTE: As of January 1, 2014 Tramec Sloan is not legal for potable water applications, per Federal Reduction of Lead in Drinking Water Act of 2011

LEGEND

P/N ELEMENT	DESCRIPTION
HU	Hose Unit
F	Female
C	Cap
NH	Nut: Hex
NR	Nut: Round
S	Swivel
11	Female Pipe to Female Hose
12	Female Pipe to Male Hose Thread
21	Female Hose Thread
22	Male Hose Thread
62	Male Pipe to Female Hose Swivel
66	Flare to Female Hose Swivel
125	Barb to Male Garden Hose
126	Barb to Female Hose Swivel





[A] GARDEN HOSE NUT

P/N	FHT
HNH-1	3/4

[B] GARDEN HOSE CAP

With 8" Chain

P/N	FHT
HC-8	3/4

[C] FEMALE PIPE X FEMALE HOSE THREAD

P/N	PIPE	FHT
HU11-8-12	1/2	3/4
HU11-12-12	3/4	3/4

[D] GARDEN HOSE CAP

P/N	FHT
HC-1	3/4



[E] FLARE X MALE HOSE

P/N	TUBE O.D.	MHT
HFU22-6-12	3/8	3/4
HFU22-8-12	1/2	3/4

[H] FLARE TO FEMALE HOSE SWIVEL

P/N	TUBE O.D.	FHT
66H-6-12	3/8	3/4
66H-8-12	1/2	3/4

[F] FEMALE PIPE X FEMALE HOSE SWIVEL

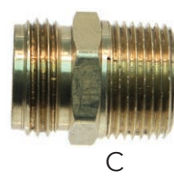
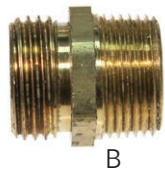
P/N	PIPE	FHT
HUS11-8-12	1/2	3/4
HUS11-12-12	3/4	3/4

[I] MALE PIPE X FEMALE HOSE THREAD

P/N	PIPE	FHT
HU21-8-12	1/2	3/4
HU21-12-12	3/4	3/4

[G] FEMALE HOSE X FEMALE HOSE SWIVEL

P/N	FHT
HUS-12	3/4



[A] FEMALE PIPE X MALE HOSE THREAD

P/N	PIPE	MHT
HU12-8-12	1/2	3/4
HU12-12-12	3/4	3/4

[C] MALE PIPE X MALE HOSE THREAD

P/N	PIPE	MHT
HU22-12MH	3/4	3/4
HU22-8-12	1/2	3/4
HU22-12-12	3/4	3/4

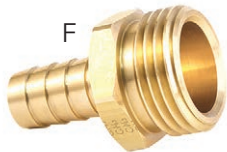
[B] MALE PIPE X MALE HOSE THREAD

With 1/2" Female Pipe Thread on Male Pipe End

P/N	FPT	MPT	MHT
HUF22-12-12	1/2	3/4	3/4

[D] MALE PIPE TO FEMALE HOSE SWIVEL

TS P/N	PIPE	FHT
62H-4-12	3/4	1/4



[F] BARB TO MALE GARDEN HOSE

P/N	BARB O.D.	MHT
HU125-8-12	1/2	3/4
HU125-10-12	5/8	3/4
HU125-12-12	3/4	3/4

[H] HOSE Y FITTING

P/N	MHT	FHT
Y-9	3/4	3/4

[G] BARB TO FEMALE GARDEN HOSE

Swivel, Round Nut

P/N	HOSE O.D.	FHT
HU126-8-12	1/2	3/4
HU126-10-12	5/8	3/4

[I] BARB TO FEMALE GARDEN HOSE

Swivel, Hex Nut

P/N	BARB O.D.	FHT
HU126-8-12H	1/2	3/4
HU126-10-12H	5/8	3/4
HU126-12-12H	3/4	3/4



[A] FEMALE X FEMALE BALL VALVE

- Durable Brass Body
- 600 PSI Water/Oil/Gas
- Individually Bagged for Retail

P/N	CMI P/N	PIPE
SV500P-4	4-4FBV	1/4
SV500P-6	6-6FBV	3/8
SV500P-8	8-8FBV	1/2
SV500P-12	12-12FBV	3/4
SV500P-16	16-16FBV	1

[B] 3-WAY SELECTOR VALVE

P/N	STYLE	PIPE THREAD	STEM THREAD*
SV406P-4	No Click	1/4	1-3/8
SVC406P-4	Click	1/4	1-3/8
SV406P-6	No Click	3/8	1-3/8
SVC406P-6	Click	3/8	1-3/8

* Measured from top of bracket to underside of handle

[C] 4-WAY SELECTOR VALVE

P/N	STYLE	PIPE THREAD	STEM THREAD*
SV407P-4	No Click	1/4	1-3/8
SVC407P-4	Click	1/4	1-3/8
SV407P-6	No Click	3/8	1-3/8
SVC407P-6	Click	3/8	1-3/8

* Measured from top of bracket to underside of handle

[D] 45° OIL TANK VALVE

P/N	TUBE	PIPE THREAD	STRAIGHT THREAD
SOVF45-6-12	3/8	3/4	1/2-20

[E] FEMALE PIPE TO MALE PIPE

Pin Handle

P/N	HOSE	PIPE THREAD
SV590PH-6	3/8	3/8
SV590PH-8	1/2	1/2

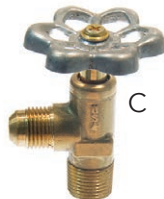
[F] HOSE TO MALE PIPE

Pin Handle

P/N	HOSE	PIPE THREAD
SV404PH-6-6*	3/8	3/8
SV404PH-10-6	5/8	3/8

* Barbed hose end

TRUCK & BALL VALVES



[A] TRUCK VALVE

Hose to Male Pipe

TS P/N	CMI P/N	HOSE	PIPE
SV404P-6-6	881-66	3/8	3/8
SV404P-10-6	881-106	5/8	3/8
SV404P-10-8	881-108	5/8	1/2
SV404P-12-6	881-126	3/4	3/8
SV404P-12-8	881-128	3/4	1/2

[B] TRUCK VALVE

Female Pipe to Male Pipe

TS P/N	CMI P/N	FEMALE	MALE
SV405P-6-6	882-66	3/8	3/8
SV405P-6-8	882-68	3/8	1/2
SV405P-8-8	882-88	1/2	1/2

[C] TRUCK VALVE

Flare to Male Pipe

P/N	FLARE	PIPE
883-66	3/8	3/8
883-86	1/2	3/8
883-88	1/2	1/2
883-108	5/8	1/2

[D] TRUCK VALVE

Nylon Air Brake to Male Pipe

P/N	AIR BRAKE	PIPE
886-88	1/2	1/2

[E] TRUCK VALVE

Male Pipe to Male Pipe

P/N	PIPES
887-88	1/2
887-810	1/2 & 5/8

[F] TRUCK VALVE

Male Pipe to Nylon Air Brake

P/N	PIPE	AIR BRAKE
889-88	1/2	1/2

LEAD-FREE BRASS FITTINGS

PRODUCT APPLICATION

- For use with brass, copper, or iron pipe.
- For use in water, grease, fuels, LP and natural gases, refrigeration, instrumentation and hydraulic systems.
- Designed for low and medium pressure pipe line connections.

ASSEMBLY INSTRUCTIONS

1. Tighten approximately 1½ turns past hand tight.
2. Always orient shapes by turning clockwise – never by backing the fittings out.

TUBE & PIPE THREAD SIZES

Sizes are determined by the number of sixteenths of an inch.

2 = 1/8" (2/16")	5 = 5/16" (5/16")	10 = 5/8" (10/16")
3 = 3/16" (3/16")	6 = 3/8" (6/16")	12 = 3/4" (12/16")
4 = 1/4" (4/16")	8 = 1/2" (8/16")	

CONTENT

- Machined from brass
- Complies with the Federal Reduction of Lead in Drinking Water Act of 2011.

TEMPERATURE RANGE

From -65°F to +250°F

INDUSTRY STANDARDS

We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

PACKAGING AND ORDERING OPTIONS

- All male pipe fittings require the "V" suffix to indicate thread sealant requested.
- Valves should be ordered individually by part number.
- Consult current price sheet for packaging options.

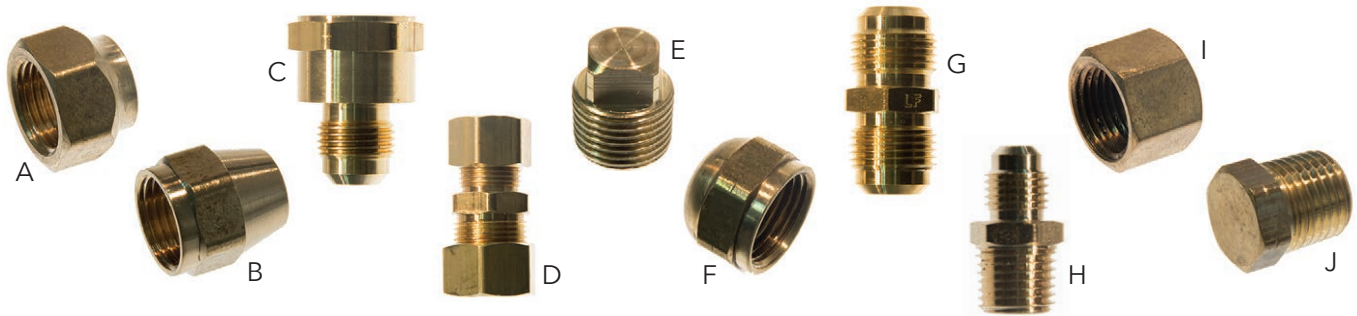
SPECIAL ORDERS

High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.



NOTE: Dimensions and configurations subject to change without notice.

LEAD-FREE BRASS FITTINGS



[A] FORGED REFRIGERATION NUT - SHORT

P/N	FLARE	TUBE
LF141S-6	3/8	3/8
LF141S-8	1/2	1/2
LF141S-10	5/8	5/8

[B] FLARE NUT - SHORT

P/N	TUBE
LF41S-4	1/4
LF41S-6	3/8
LF41S-8	1/2

[C] FLARE X FEMALE PIPE CONNECTOR

P/N	TUBE	PIPE
LF46-6-6	3/8	3/8
LF46-6-8	3/8	1/2
LF46-8-6	1/2	3/8
LF46-8-8	1/2	1/2
LF46-8-12	1/2	3/4

[D] COMPRESSION UNION - TUBE BOTH ENDS

P/N	TUBES
LF62-6-4	3/8 & 1/4
LF62-8-6	1/2 & 3/8
LF62-10-8	5/8 & 1/2

[E] SQUARE HEAD PIPE PLUG

P/N	PIPE
LF73151-2	1/8
LF73151-4	1/4
LF73151-8*	1/2
LF73151-12*	3/4

* Cored

[F] FLARE CAP

P/N	TUBE
LF40-4	1/4
LF40-6	3/8
LF40-8	1/2
LF40-10	5/8

[G] FLARE UNION - TUBE BOTH ENDS

P/N	TUBES
LF42-6	3/8
LF42-10	5/8

[H] FLARE X MALE PIPE CONNECTOR

P/N	TUBE	PIPE
LF48-4-4	1/4	1/4
LF48-4-8	1/4	1/2
LF48-6-2	3/8	1/8

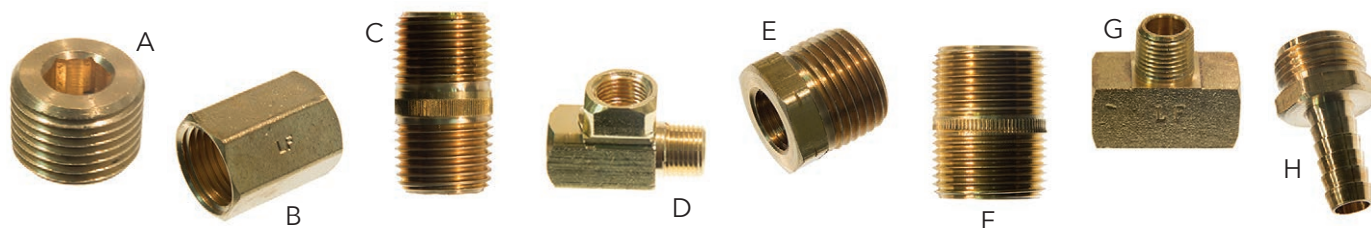
[I] PIPE CAP

P/N	PIPE
LF73129-6	3/8
LF73129-8	1/2
LF73129-12	3/4

[J] HEX HEAD PIPE PLUG

Hollow Cored

P/N	PIPE
LF73152-2	1/8
LF73152-4	1/4



[A] HEX COUNTERSINK PIPE PLUG

P/N	PIPE
LF73155-6	3/8
LF73155-8	1/2

[B] FEMALE PIPE COUPLING

P/N	PIPE
LF73300-4	1/4
LF73300-6	3/8
LF73300-8	1/2

[C] LONG BRASS NIPPLE

P/N	PIPE
LF73327-4	1/4
LF73327-6	3/8
LF73327-8	1/2

[D] PIPE STREET TEE

P/N	PIPE
LF73750-4	1/4
LF73750-6	3/8

[E] PIPE - REDUCER BUSHING

P/N	TUBE	PIPE
LF73220-4-2	1/4	1/8
LF73220-6-4	3/8	1/4
LF73220-8-4	1/2	1/4
LF73220-8-6	1/2	3/8
LF73220-12-8	3/4	1/2

[F] CLOSE PIPE NIPPLE

P/N	PIPE
LF73326-2	1/8
LF73326-4	1/4
LF73326-6	3/8
LF73326-8	1/2
LF73326-12	3/4

[G] MALE BRANCH TEE

P/N	TUBES	PIPE
LF73600-6	3/8	3/8

[H] BARB TO MALE GARDEN HOSE

P/N	BARB O.D.	MHT
LFHU125-8-12	1/2	3/4
LFHU125-10-12	5/8	3/4
LFHU125-12-12	3/4	3/4

ORDERING INFORMATION:

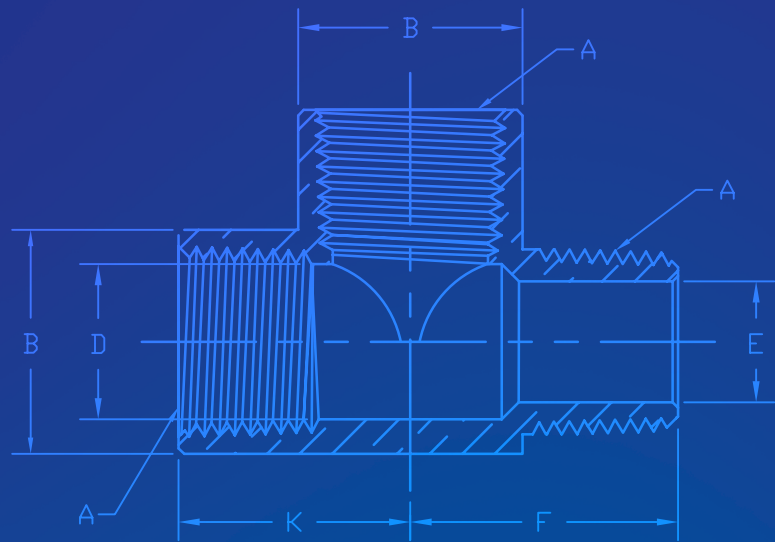
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