



# **INDUSTRIAL CATALOG**

**Vol. 100**





## AMERICAN QUALITY, MADE TO LAST.

Tramec Sloan owes its history to entrepreneurial Americans who believed that manufacturing quality products with great service provides an exceptional value to the industry. Everyday, the people of Tramec Sloan live by these beliefs established by our founders.

Tramec's and Crawford Machine Inc.'s standard position OEM products have merged with Sloan Transportation's industry-leading aftermarket position, creating a larger, more diverse manufacturer of fittings.

Tramec Sloan's facilities in Iola, Kansas; Galion, Ohio and Holland, Michigan continue to provide the best American-made products to the industries we serve everyday.

We appreciate the partnerships that we've developed over the years with our customers and end users and look forward to working with you all while we write the next chapter in the story of Tramec Sloan together.

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### ORDERING INFORMATION:

PHONE:

616.395.5600

TOLL FREE PHONE:

800.336.7778

TOLL FREE FAX:

877.286.6515

CUSTOMER SERVICE:

[customerservice@tramecsloan.com](mailto:customerservice@tramecsloan.com)

ONLINE:

[www.tramecsloan.com](http://www.tramecsloan.com)

### MANUFACTURING & DISTRIBUTION:

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Holland, MI 49423

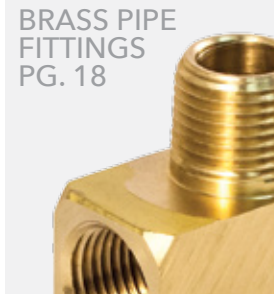
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30 Davis Street  
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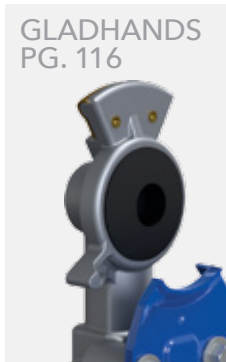
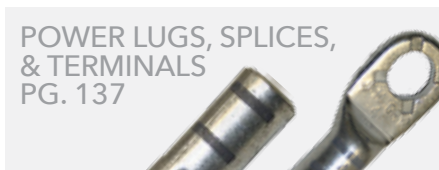
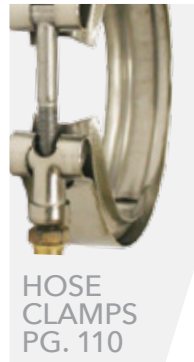
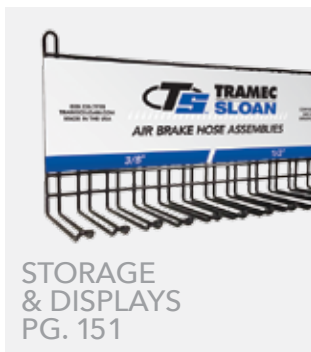
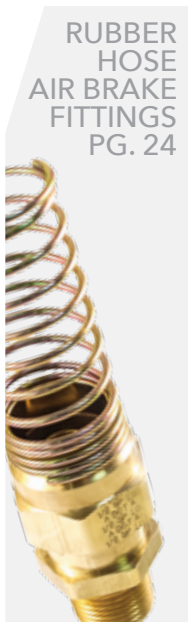
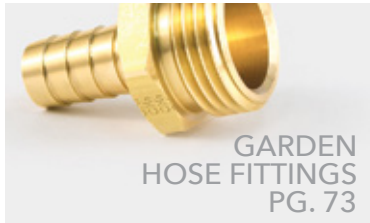
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## WHY BRASS FITTINGS?

Brass is a material that is easily machined and can be given any shape for various types of fittings. Brass fittings are widely used in many markets from industrial to residential because of their strength and durability. The brass fittings have a distinct look due to their yellow color.

## FEATURES OF BRASS FITTINGS

Brass fittings are highly demanded because of unique features such as:

- Excellence in corrosion resistance
- Excellent high temperature ductility
- Good bearing properties
- Characterized by good strength
- Low magnetic permeability
- Reasonable cold ductility
- Good conductivity

## CA360 BRASS

- Brass is an alloy of copper and zinc and is softer than either metal
- 60-63% copper, 35.5% zinc, .35%(max) iron and 2.5%-3.7% lead
- Lead is added to enhance machinability
- Red Brass (CA230) is composed of 14-16% zinc, 0.05% iron, .06 lead, and 84-86% copper.
- Today 90% of all brass alloys are recycled, melted and recast into billets to be extruded into rod.

## CA360 BAR STOCK BRASS

ASTM B16-92			
ELEMENTS	NOMINAL	MIN	MAX
Copper	61.5	60	63
Lead	3.1	2.5	3.7
Iron	N/A	N/A	.35
Other	N/A	N/A	.5
Zinc	35.4	Balance	

## CA377 FORGED BRASS

ASTM B16-92			
ELEMENTS	NOMINAL	MIN	MAX
Copper	59.5	58	61
Lead	2	1.5	2.5
Iron	N/A	N/A	.35
Other	N/A	N/A	
Zinc	38	Balance	

**NOTES:**

- 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.
- All brass is susceptible to corrosion cracking from ammonia



## EXTRUDED FITTINGS

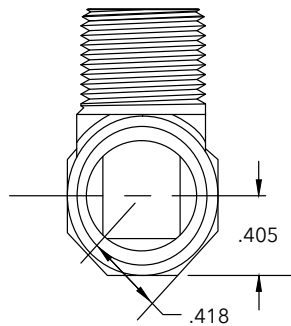
Hexagon, round, and shaped bars are extruded in the configuration required, drawn to size, cut to length, and straightened. First, a solid round billet (8 to 12 inches in diameter) is heated to the pliable state and forced by pressure of approximately 80,000 pounds per square inch through a die. The resulting continuous length of bar is cooled and then drawn through dies to the desired external size. (The drawing process also controls the temper.) After straightening, the bar is ready for machining. The process produces a dense, nonporous material somewhat stronger in the longitudinal direction due to an orientated flow of the grain.

## FORGED FITTINGS

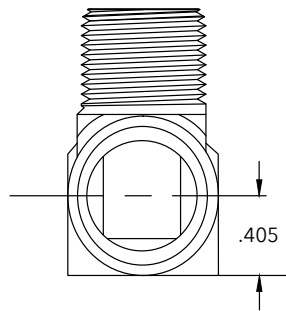
Material for forging is extruded in round bars, cut to length and straightened. (At this point in the process, forging rod differs from round extruded machinable bars only in temper and chemical properties.) After straightening, the bars are cut again into slugs (short lengths), reheated to the pliable state and pressed under a pressure of approximately 25,000 pounds per square inch between upper and lower die cavities. After cooling, the flash is trimmed away and the forging blank is ready for machining.

This process of forming under extreme pressure produces a uniformly dense material of exceptional strength. Because grain flow follows the contour, the fitting has high impact strength and is resistant to mechanical shock and vibration.

Tramec Sloan 3/8-18 NPTF Fitting



Competitors Fitting



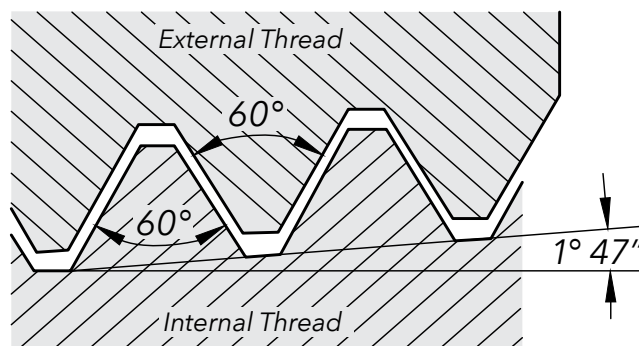
The fittings shown above are both machined per the SAE J476 and SAE J530 dimensional standards. Compared to the competitors fittings, you will notice the corners of the block on the Tramec Sloan fitting have been removed. Shown are the dimensions from the center of the hole to the edge of the flats on both parts. Both blocks measure .405" on the sides and bottom. The notched corners measure .418" which is .013" more material than the blocks have on their flat sides.

By removing the corners of the fittings, Tramec Sloan is able to reduce material cost and still produce a product that meets or exceeds all industry standards at a cost savings to our customers.



## NATIONAL PIPE THREAD TAPERED (NPT)

- U.S. standard for tapered threads used on threaded pipes and fittings. The taper rate for all NPT threads is 1/16 (3/4 inch per foot) measured by the change of diameter (of the pipe thread) over distance.
- The angle between the taper and the center axis of the pipe is  $1^{\circ} 47' 24''$  (1.7899°). Commonly-used sizes are 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2 and 2 inch, appearing on pipes and fittings by most U.S. suppliers.
- Sizes smaller than 1/8 are occasionally used for compressed air, while sizes larger than 2 inches are uncommon due to the use of alternate methods of joining that are used with these larger sizes.



- The taper on NPT threads allows them to form a seal when torqued as the flanks of the threads compress against each other, as opposed to parallel/ straight thread fittings or compression fittings in which the threads merely hold the pieces together and do not provide a seal.
- As the thread body is tapered (0.75 in/ft) a larger diameter keeps compressing into a smaller diameter and finally forms a seal (no clearance remains between the crests and roots of the threads because of the taper).
- To ensure proper seal, deburr fitting and apply a material such as the v-seal available from Tramec Sloan.

## DRYSEAL PIPE THREADS

DrySeal pipe threads are used to join fittings without the use of a lubricant. The threads are designed with roots that are wider than the crests, forming a metal to metal seal when wrenching the parts together.

Tramec Sloan recommends our "V-Seal" for the best seal. SAE J1615 states that when male pipe threads are used as part of an assembly or installed into ports, they will most likely leak if not covered with sealant.



## STRAIGHT THREADS

A straight thread is an axial load bearing thread and does NOT seal by itself but needs a gasket or needs to be part of a tapered surface to seal.

## STRAIGHT THREAD SIZE COMPARISON CHART

	TUBE O.D.										
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
SAE 45° Flared SAE J512 SAE J513	5/16-24	3/8-24	7/16-20	5/8-18	11/16-16	7/8-14	3/4-16	7/8-14	1-1/16-14	1-1/4-12	1-3/8-1/2
Inverted Flare SAE J512	5/16-28	3/8-24	7/16-24	1/2-20	5/8-18	11/16-18	3/4-18	7/8-18	1-1/16-16	1-1/4-16	N/A
Air Brake/NTA SAE J246	N/A	N/A	7/16-24	1/2-24	17/32-24	N/A	11/16-20	13/16-18	1-18	N/A	1-1/4-16
Std. Comp. / Captive Sleeve SAE J512	5/16-24	3/8-24	7/16-24	1/2-24	9/16-24	5/8-24	11/16-20	13/16-18	1-18	1-1/8-18	1-1/4-18

### PLEASE NOTE:

- Pictures in this catalog are representations of the parts; actual dimensions and styles (forged or extruded) may vary.
- Cross reference data and product specifics contained within were compiled using available industry information, including that available from suppliers and published information.
- While we have taken great care to publish accurate information, Tramec Sloan does not guarantee and cannot be responsible for the accuracy of such information, including cross-reference/interchange numbers, dimensions, fitness for a particular purpose or application, etc.
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# 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

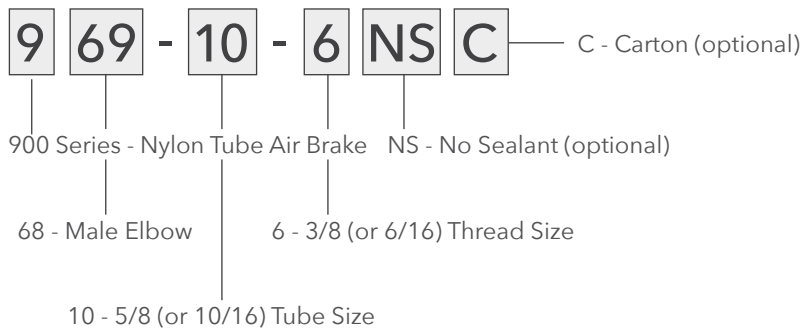
P/N	I.D. SIZE	MATERIAL
LW1125	1-1/8"	Steel
LW100	1"	Steel
LW780	7/8"	Steel
LW340	3/4"	Steel

## [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.

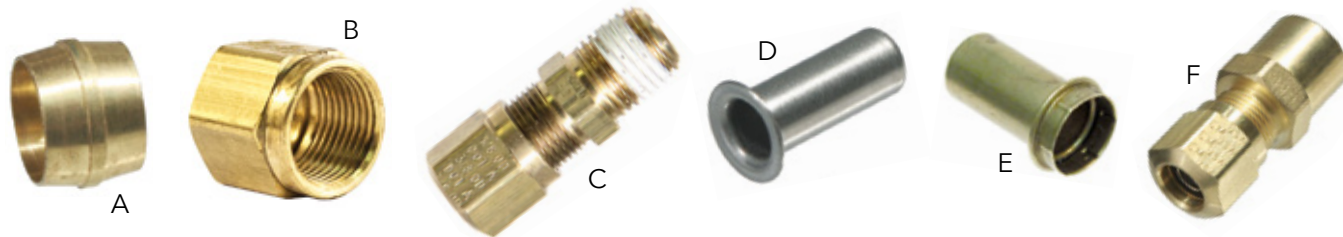
## PACKAGING AND ORDERING OPTIONS

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	CMI P/N	TUBE
S760AB-3	960-3	3/16
S760AB-4	960-4	1/4
S760AB-6	960-6	3/8
S760AB-8	960-8	1/2
S760AB-10	960-10	5/8
S760AB-12	960-12	3/4

## [B] NYLON TUBE NUT

TS P/N	CMI P/N	TUBE
S761AB-4	961-4	1/4
S761AB-6	961-6	3/8
S761AB-8	961-8	1/2
S761AB-10	961-10	5/8
S761AB-12	961-12	3/4

## [C] MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S768AB-4-2V	968-4	1/4	1/8
S768AB-4-4V	968-4-4	1/4	1/4
S768AB-4-6V	968-4-6	1/4	3/8
S768AB-6-2V	968-6-2	3/8	1/8
S768AB-6-4V	968-6	3/8	1/4
S768AB-6-6V	968-6-6	3/8	3/8
S768AB-6-8V	968-6-8	3/8	1/2
S768AB-8-4V	968-8-4	1/2	1/4
S768AB-8-6V	968-8	1/2	3/8
S768AB-8-8V	968-8-8	1/2	1/2
S768AB-10-6V	968-10-6	5/8	3/8
S768AB-10-8V	968-10	5/8	1/2
S768AB-10-12V	968-10-12	5/8	3/4
S768AB-12-8V	968-12	3/4	1/2
S768AB-12-12V	968-12-12	3/4	3/4

## [D] TUBE SUPPORT

Stainless Steel, Drop-In Style

TS P/N	CMI P/N	TUBE
S763AB-4	984-4	1/4
S763AB-6	984-6	3/8
S763AB-8	984-8	1/2
S763AB-10	984-10	5/8
S763AB-12	984-12	3/4

## [E] TUBE SUPPORT

Brass, Push-In Style

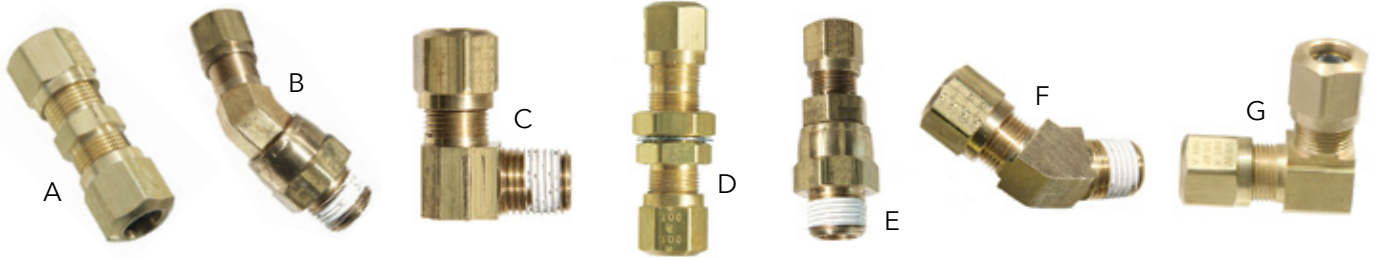
P/N	TUBE
984-4W	1/4
984-6W	3/8
984-8W	1/2
984-10W	5/8
984-12W	3/4

## [F] FEMALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S766AB-4-2	966-4	1/4	1/8
S766AB-4-4	966-4-4	1/4	1/4
S766AB-6-2	966-6-2	3/8	1/8
S766AB-6-4	966-6	3/8	1/4
S766AB-6-6	966-6-6	3/8	3/8
S766AB-8-6	966-8	1/2	3/8
S766AB-8-6	966-8-8	1/2	1/2
S766AB-10-6	966-10-6	1/2	3/8
S766AB-10-8	966-10	5/8	1/2



# NYLON TUBE AIR BRAKE FITTINGS



## [A] UNION

TS P/N	CMI P/N	TUBE
S762AB-4	962-4	1/4
S762AB-6	962-6	3/8
S762AB-8	962-8	1/2
S762AB-10	962-10	5/8
S762AB-12	962-12	3/4

## [B] SWING-AWAY SWIVEL 45° ELBOW

TS P/N	CMI P/N	TUBE	PIPE
55286	PS980-6-6	3/8	3/8
55287	PS980-8	1/2	3/8

## [C] MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S769AB-4-2V	969-4	1/4	1/8
S769AB-4-4V	969-4-4	1/4	1/4
S769AB-4-6V	969-4-6	1/4	3/8
S769AB-6-2V	969-6-2	3/8	1/8
S769AB-6-4V	969-6	3/8	1/4
S769AB-6-4LV*	969-6L*	3/8	1/4
S769AB-6-6V	969-6-6	3/8	3/8
S769AB-6-8V	969-6-8	3/8	1/2
S769AB-8-4V	969-8-4	1/2	1/4
S769AB-8-6V	969-8	1/2	3/8
S769AB-8-6LV*	969-8L*	1/2	3/8
S769AB-8-8V	969-8-8	1/2	1/2
S769AB-10-6V	969-10-6	5/8	3/8
S769AB-10-8V	969-10	5/8	1/2
S769AB-10-12V	969-10-12	5/8	3/4
S769AB-12-8V	969-12	3/4	1/2
S769AB-12-12V	969-12-12	3/4	3/4

\* Indicates Longer Body than Standard Part

## [D] BULKHEAD UNION

TS P/N	CMI P/N	TUBE
S774AB-4	974-4	1/4
S774AB-6	974-6	3/8
S774AB-8	974-8	1/2

## [E] SWING-AWAY SWIVEL MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
55243	PS968-6-6	3/8	3/8
55244	PS968-8	1/2	3/8

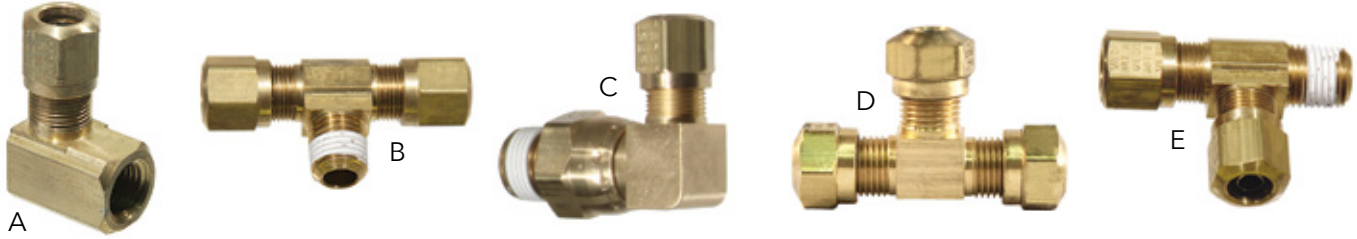
## [F] 45° ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S779AB-4-2V	980-4	1/4	1/8
S779AB-4-4V	980-4-4	1/4	1/4
S779AB-6-2V	980-6-2	3/8	1/8
S779AB-6-4V	980-6	3/8	1/4
S779AB-6-6V	980-6-6	3/8	3/8
S779AB-6-8V	980-6-8	3/8	1/2
S779AB-8-4V	980-8-4	1/2	1/4
S779AB-8-6V	980-8	1/2	3/8
S779AB-8-8V	980-8-8	1/2	1/2
S779AB-10-6V	980-10-6	5/8	3/8
S779AB-10-8V	980-10	5/8	1/2
S779AB-12-8V	980-12	3/4	1/2

## [G] UNION ELBOW

TS P/N	CMI P/N	TUBE
S765AB-4	965-4	1/4
S765AB-6	965-6	3/8
S765AB-8	965-8	1/2
S765AB-10	965-10	5/8

# NYLON TUBE AIR BRAKE FITTINGS



## [A] FEMALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S770AB-4-2	970-4	1/4	1/8
S770AB-4-4	970-4-4	1/4	1/4
S770AB-6-2	970-6-2	3/8	1/8
S770AB-6-4	970-6	3/8	1/4
S770AB-6-6	970-6-6	3/8	3/8
S770AB-8-6	970-8	1/2	3/8
S770AB-8-8	970-8-8	1/2	1/2
S770AB-10-8	970-10	5/8	1/2

## [D] UNION TEE

TS P/N	CMI P/N	TUBE A	TUBE B	TUBE C
S764AB-4	964-4	1/4	1/4	1/4
S764AB-4-4-6	964-4-4-6	1/4	1/4	3/8
S764AB-6	964-6	3/8	3/8	3/8
S764AB-6-6-4	964-6-6-4	3/8	3/8	1/4
S764AB-8-6-8	964-8-6-8	1/2	3/8	1/2
S764AB-8-8-6	964-8-8-6	1/2	1/2	3/8
S764AB-8	964-8	1/2	1/2	1/2
S764AB-10	964-10	5/8	5/8	5/8

## [B] MALE BRANCH TEE

TS P/N	CMI P/N	TUBES	PIPE
S772AB-4-2V	972-4	1/4	1/8
S772AB-4-4V	972-4-4	1/4	1/4
S772AB-6-4V	972-6	3/8	1/4
S772AB-6-2V	972-6-6-2	3/8	1/8
S772AB-6-6V	972-6-6-6	3/8	3/8
S772AB-8-4V	972-8-4	1/2	1/4
S772AB-8-6V	972-8	1/2	3/8
S772AB-8-8V	972-8-8	1/2	1/2
S772AB-10-8V	972-10	5/8	1/2

## [E] MALE RUN TEE

TS P/N	CMI P/N	TUBES	PIPE
S771AB-4-2V	971-4	1/4	1/8
S771AB-4-4V	971-4-4	1/4	1/4
S771AB-6-4V	971-6	3/8	1/4
S771AB-6-6V	971-6-6-6	3/8	3/8
S771AB-8-6V	971-8	1/2	3/8
S771AB-8-4V	971-8-4	1/2	1/4
-	971-8-6-6	1/2 & 3/8	1/2
S771AB-8-8V	971-8-8	1/2	1/2
S771AB-10-8V	971-10	5/8	1/2

## [C] SWING-AWAY SWIVEL MALE 90° ELBOW

TS P/N	CMI P/N	TUBE	PIPE
55290	PS969-6-6	3/8	3/8
55291	PS969-8	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

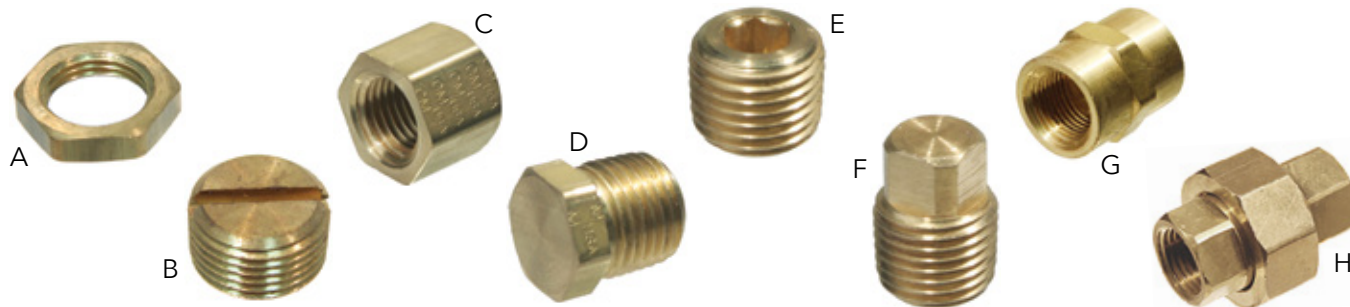
## TUBE & PIPE THREAD SIZES

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
210-2	1/8
210-4	1/4
210-6	3/8
210-8	1/2

## [B] SLOTTED PIPE PLUG

TS P/N	CMI P/N	PIPE
S220P-2	73150-2	1/8
S220P-4	73150-4	1/4
S220P-6	73150-6	3/8

## [C] PIPE CAP

TS P/N	CMI P/N	PIPE
S213-2	73129-2	1/8
S213-4	73129-4	1/4
S213-6	73129-6	3/8
S213-8	73129-8	1/2
S213-12	73129-12	3/4

## [D] HEX-HEAD PIPE PLUG - HOLLOW CORE

TS P/N	CMI P/N	PIPE
SPPH-2	73152-2	1/8
SPPH-4	73152-4	1/4
SPPH-6	73152-6	3/8
SPPH-8	73152-8	1/2
SPPH-12	73152-12	3/4

## [E] HEX COUNTERSINK PIPE PLUG

TS P/N	CMI P/N	PIPE
S219P-2	73155-2	1/8
S219P-4	73155-4	1/4
S219P-6	73155-6	3/8
S219P-8	73155-8	1/2
S219P-12	73155-12	3/4

## [F] SQUARE-HEAD PIPE PLUG - CORED

TS P/N	CMI P/N	PIPE
S211-2	73151-2	1/8
S211-4	73151-4	1/4
S211-6	73151-6	3/8
S211-8	73151-8	1/2
S211-12	73151-12	3/4
S211-16	73151-16	1"

## [G] FEMALE PIPE COUPLING

TS P/N	CMI P/N	PIPES
S207-2	73300-2	1/8
S207-4	73300-4	1/4
S207-6	73300-6	3/8
S207-8	73300-8	1/2
S207-12	73300-12	3/4

## [G] FEMALE PIPE COUPLING

Light Pattern - Non SAE

P/N	PIPES
63300-2	1/8
63300-4	1/4
63300-6	3/8
63300-8	1/2
6330012	3/4

## [H] FEMALE PIPE UNION

TS P/N	CMI P/N	PIPE
S104-2	73250-2	1/8
S104-4	73250-4	1/4
S104-6	73250-6	3/8
S104-8	73250-8	1/2
S104-12	73250-12	3/4



## [A] PIPE ADAPTER

TS P/N	CMI P/N	MALE PIPE	FEMALE PIPE
S120-2	73200-2	1/8	1/8
S120-4	73200-4	1/4	1/4
S120-4-2	73200-4-2	1/4	1/8
S120-6	73200-6	3/8	3/8
S120-6-2	73200-6-2	3/8	1/8
S120-6-4	73200-6-4	3/8	1/4
S120-8	73200-8	1/2	1/2
S120-8-4	73200-8-4	1/2	1/4
S120-8-6	73200-8-6	1/2	3/8
S120-12	73200-12	3/4	3/4
S120-12-6	7320012-6	3/4	3/8
S120-12-8	7320012-8	3/4	1/2

## [B] PIPE REDUCER BUSHING

TS P/N	CMI P/N	MALE PIPE	FEMALE PIPE
SPRB-4-2	73220-4-2	1/4	1/8
SPRB-6-2	73220-6-2	3/8	1/8
SPRB-6-4	73220-6-4	3/8	1/4
SPRB-8-2	73220-8-2	1/2	1/8
SPRB-8-4	73220-8-4	1/2	1/4
SPRB-8-6	73220-8-6	1/2	3/8
SPRB-12-2	73220-12-2	3/4	1/8
SPRB-12-4	73220-12-4	3/4	1/4
SPRB-12-6	73220-12-6	3/4	3/8
SPRB-12-8	73220-12-8	3/4	1/2
SPRB-16-12	73220-16-12	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
6320012-8	3/4	1/2

## [B] PIPE REDUCER BUSHING

Light Pattern - Non SAE

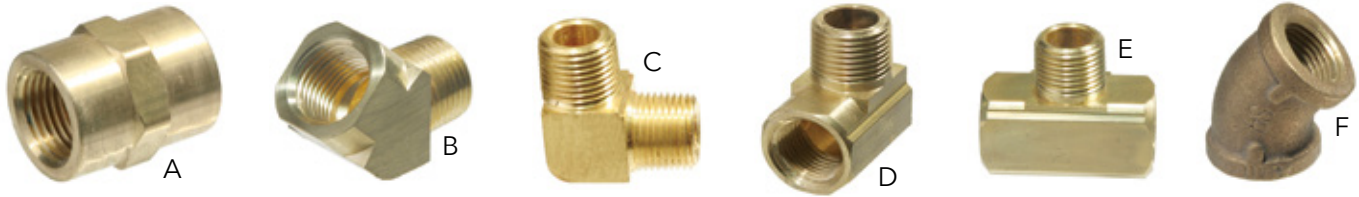
P/N	MALE PIPE	FEMALE PIPE
63220-8-2	1/2	1/8
63220-12-8	3/4	1/2
63220-16-12	1	3/4

## [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



## [A] FEMALE PIPE REDUCER COUPLING

TS P/N	CMI P/N	PIPE(S)
S119-4-2	73300-4-2	1/4 & 1/8
S119-6-2	73300-6-2	3/8 & 1/8
S119-6-4	73300-6-4	3/8 & 1/4
S119-8-2	73300-8-2	1/2 & 1/8
S119-8-4	73300-8-4	1/2 & 1/4
S119-8-6	73300-8-6	1/2 & 3/8
S119-12-8	73300-12-8	3/4 & 1/2

## [D] STREET ELBOW 90°

TS P/N	CMI P/N	FEMALE PIPE	MALE PIPE
S202-2	73400-2	1/8	1/8
S202-4	73400-4	1/4	1/4
S202-4-2	73400-4-2	1/4	1/8
S202-6	73400-6	3/8	3/8
S202-8-6	73400-8-6	1/2	3/8
S202-8	73400-8	1/2	1/2
S202-12	73400-12	3/4	3/4

## [A] FEMALE PIPE REDUCER COUPLING

Light Pattern - Non SAE

P/N	PIPE(S)
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	CMI P/N	PIPE
S224-2	73350-2	1/8
S224-4	73350-4	1/4
S224-6	73350-6	3/8
S224-8	73350-8	1/2
S224-12	73350-12	3/4

## [E] MALE BRANCH TEE

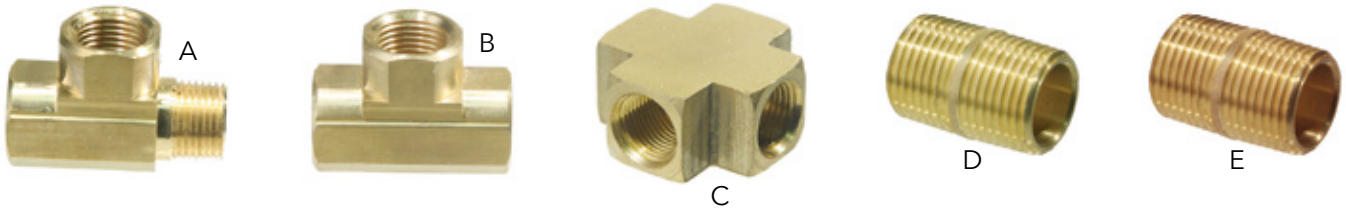
TS P/N	CMI P/N	TUBES	PIPE
S226-2	73600-2	1/8	1/8
S226-4	73600-4	1/4	1/4
S226-6	73600-6	3/8	3/8
S226-8	73600-8	1/2	1/2
S226-12	73600-12	3/4	3/4

## [C] MALE PIPE ELBOW 90°

P/N	PIPES
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
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	CMI P/N	FEMALE PIPE 1	FEMALE PIPE 2	MALE PIPE
S225-2	73750-2	1/8	1/8	1/8
S225-4	73750-4	1/4	1/4	1/4
S225-6	73750-6	3/8	3/8	3/8
225-6-6-4	73750-6-6-4	3/8	1/4	3/8
S225-8	73750-8	1/2	1/2	1/2

## [B] PIPE TEE

TS P/N	CMI P/N	PIPE
S203-2	73700-2	1/8
S203-4	73700-4	1/4
S203-6	73700-6	3/8
S203-8	73700-8	1/2
S203-12	73700-12	3/4

## [D] CLOSE PIPE NIPPLE - YELLOW BRASS

TS P/N	CMI P/N	PIPE
S215-2	73326-2	1/8
S215-4	73326-4	1/4
S215-6	73326-6	3/8
S215-8	73326-8	1/2
S215-12	73326-12	3/4

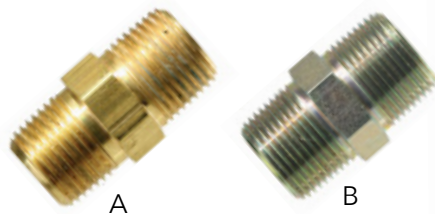
## [C] FEMALE PIPE CROSS

TS P/N	CMI P/N	PIPE
S102-2	73950-2	1/8
S102-4	73950-4	1/4
S102-6	73950-6	3/8
S102-8	73950-8	1/2
S102-12	73950-12	3/4

## [E] CLOSE PIPE NIPPLE - RED BRASS

P/N	PIPE
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	CMI P/N	PIPES
SPHN-2	73325-2	1/8
SPHN-4	73325-4	1/4
SPHN-4-2	73325-4-2	1/4 & 1/8
SPHN-6	73325-6	3/8
SPHN-6-2	73325-6-2	3/8 & 1/8
SPHN-6-4	73325-6-4	3/8 & 1/4
SPHN-8	73325-8	1/2
SPHN-8-4	73325-8-4	1/2 & 1/4
SPHN-8-6	73325-8-6	1/2 & 3/8
SPHN-12	73325-12	3/4
SPHN-12-8	73325-12-8	3/4 & 1/2

## [B] STEEL HEX NIPPLES

Straight & Reducing

TS P/N	CMI P/N	PIPES
HPHN-6-4	73325-6-4STL	3/8 & 1/4
HPHN-8-6	73325-8-6STL	1/2 & 3/8
HPHN-8-8	73325-8STL	1/2
HPHN-12-12	73325-12STL	3/4
HPHN-12-8	73325-12-8STL	3/4 & 1/2

## [A] BRASS HEX NIPPLES

Straight & Reducing - Light Pattern - Non SAE

P/N	PIPES
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	CMI P/N	LENGTH	PIPE
S113-02-1.5-R	73327-2YL	1 1/2	1/8
S113-04-1.5-R	73327-4YL	1 1/2	1/4
S113-06-1.5-R	73327-6YL	1 1/2	3/8
S113-08-1.5-R	73327-8YL	1 1/2	1/2
S113-02-2-R	73328-2YL	2	1/8
S113-04-2-R	73328-4YL	2	1/4
S113-06-2-R	73328-6YL	2	3/8
S113-08-2-YL	73328-8YL	2	1/2
S113-12-2-R	73328-12YL	2	3/4
S113-02-2.5-R	73329-2YL	2 1/2	1/8
S113-04-2.5-R	73329-4YL	2 1/2	1/4
S113-06-2.5-R	73329-6YL	2 1/2	3/8
S113-08-2.5-R	73329-8YL	2 1/2	1/2
S113-12-2.5-R	73329-12YL	2 1/2	3/4
S113-02-3-R	73330-2YL	3	1/8
S113-04-3-R	73330-4YL	3	1/4
S113-06-3-R	7330-6YL	3	3/8
S113-08-3-R	73330-8YL	3	1/2
S113-02-3.5-R	73331-2YL	3 1/2	1/8
S113-04-3.5-R	73331-4YL	3 1/2	1/4
S113-06-3.5-R	73331-6YL	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.

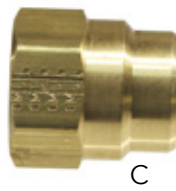
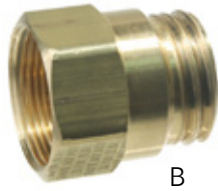
## SPECIAL ORDERS

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	CMI P/N	HOSE
S360AB-6	993610	3/8
S360AB-8	993801	1/2

## [C] HOSE NUT

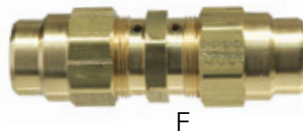
TS P/N	CMI P/N	HOSE
S361AB-6	990038	3/8
S361AB-8	990012	1/2

## [B] NUT FOR SPRING GUARD

TS P/N	CMI P/N	HOSE
S361ABS-6	990038S	3/8
S361ABS-8	990012S	1/2

## [D] UNION - BODY ONLY

TS P/N	CMI P/N	HOSE
B362RB-6	770038I	3/8
B362RB-8	770012I	1/2



## [E] MALE CONNECTOR

TS P/N	CMI P/N	HOSE	PIPE
S368AB-6-4	883814	3/8	1/4
S368AB-6	883838	3/8	3/8
S368AB-6-8	883812	3/8	1/2
S368AB-8-6	881238	1/2	3/8
S368AB-8-8	881212	1/2	1/2

## [G] MALE CONNECTOR - BODY ONLY

TS P/N	CMI P/N	HOSE	PIPE
S368AB-6-4-1	993814	3/8	1/4
S368AB-6-6-1	993838	3/8	3/8
S368AB-6-8-1	993812	3/8	1/2
S368AB-8-6-1	991238	1/2	3/8
S368AB-8-8-1	991212	1/2	1/2

## [F] UNION - COMPLETE

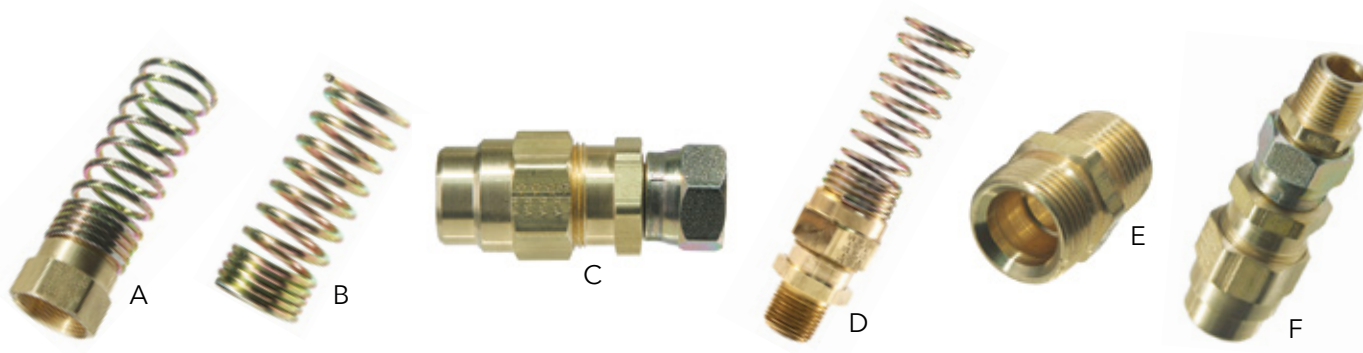
TS P/N	CMI P/N	HOSE
S362AB-6	770038	3/8
S362AB-8	770012	1/2

## [H] FEMALE SWIVEL - BODY ONLY

TS P/N	CMI P/N	HOSE	STR THREAD
B366RBSV-634	773800IS	3/8	3/4-20
B366RBSV-878	771200IS	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	CMI P/N	HOSE
S371ABS-6	99S3800	3/8
S371ABS-8	99S1200	1/2

## [C] FEMALE SWIVEL, W/O ADAPTER

TS P/N	CMI P/N	HOSE
S366RBSV-634	7726292	3/8
S366RBSV-878	7733881	1/2

## [B] SPRING GUARD

TS P/N	CMI P/N	HOSE
S371AS-6	991045	3/8
S371AS-8	993804	1/2

## [D] MALE CONNECTOR, W/ SPRING GUARD

TS P/N	CMI P/N	HOSE	PIPE
S378AB-6-4	883814S	3/8	1/4
S378AB-6-6	883838S	3/8	3/8
S378AB-6-8	883812S	3/8	1/2
S378AB-8-6	881238S	1/2	3/8
S378AB-8-8	881212S	1/2	1/2

## [E] ADAPTER

TS P/N	CMI P/N	HOSE	PIPE	STRAIGHT THREAD
S376AB-3/4-4	A64	3/8	1/4	3/4-20
S376AB-3/4-6	A66	3/8	3/8	3/4-20
S376AB-3/4-8	A68	3/8	1/2	3/4-20
S376AB-7/8-6	A86	1/2	3/8	7/8-20
S376AB-7/8-8	A88	1/2	1/2	7/8-20

## [F] FEMALE SWIVEL - COMPLETE W/ ADAPTER

TS P/N	CMI P/N	HOSE	PIPE	STRAIGHT THREAD
S363RB-6	7726293	3/8	1/4	3/4-20
S363RB-6-4S	7726293S	3/8	1/4	3/4-20
S363RB-6	7733808	3/8	3/8	3/4-20
S363RB-6-8	7733608	3/8	1/2	3/4-20
S363RB-8-6	7733882	1/2	3/8	7/8-20
S363RB-8	7733809	1/2	1/2	7/8-20
S363RB-6-8S	7733808S	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

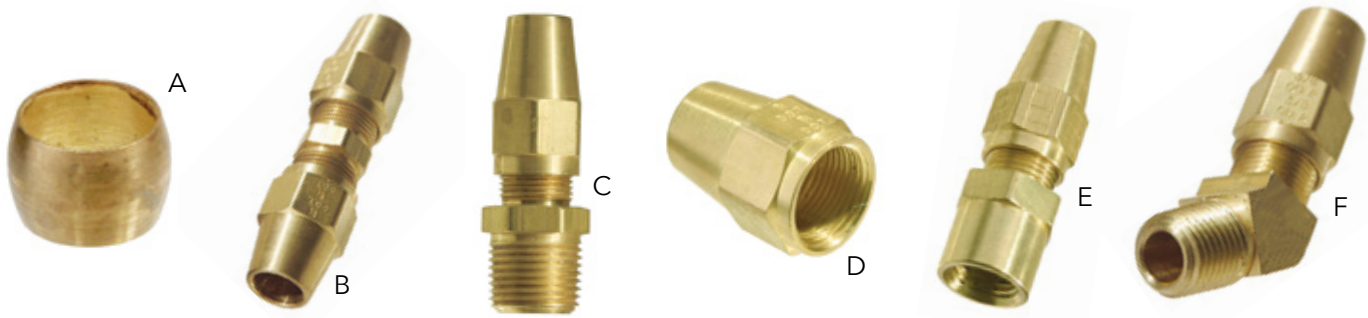
We recommend a sample to verify compliance to desired specifications and suitability for particular applications.

## 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	CMI P/N	TUBE
S260AB-4	860-4	1/4
S260AB-6	860-6	3/8
S260AB-8	860-8	1/2
S260AB-10	860-10	5/8
S260AB-12	860-12	3/4

## [D] COPPER TUBE NUT

TS P/N	CMI P/N	TUBE
S261AB-4	861-4	1/4
S261AB-6	861-6	3/8
S261AB-8	861-8	1/2
S261AB-10	861-10	5/8
S261AB-12	861-12	3/4

## [B] UNION

TS P/N	CMI P/N	TUBE
S262AB-4	862-4	1/4
S262AB-6	862-6	3/8
S262AB-8	862-8	1/2
S262AB-10	862-10	5/8
S262AB-12	862-12	3/4

## [E] FEMALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S266AB-4-2	866-4	1/4	1/8
S266AB-4-4	866-4-4	1/4	1/4
S266AB-6-2	866-6-2	3/8	1/8
S266AB-6-4	866-6	3/8	1/4
S266AB-6-6	866-6-6	3/8	3/8
S266AB-8-6	866-8	1/2	3/8
S266AB-8-8	866-8-8	1/2	1/2
S266AB-10-6	866-10-6	5/8	3/8
S266AB-10-10	866-10	5/8	5/8

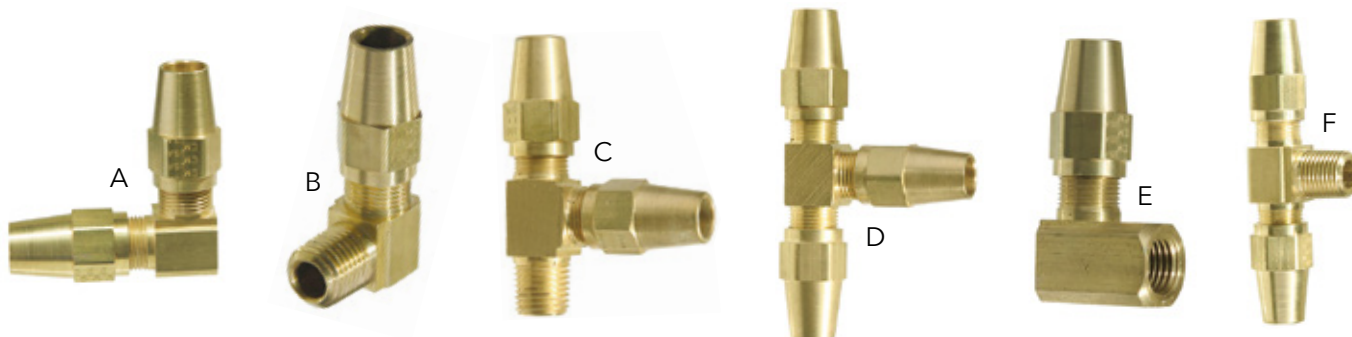
## [C] MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S268AB-4-2	868-4	1/4	1/8
S268AB-4-4	868-4-4	1/4	1/4
S268AB-4-6	868-4-6	1/4	3/8
S268AB-6-2	868-6-2	3/8	1/8
S268AB-6-4	868-6	3/8	1/4
S268AB-6-6	868-6-6	3/8	3/8
S268AB-6-8	868-6-8	3/8	1/2
S268AB-8-4	868-8-4	1/2	1/4
S268AB-8-6	868-8	1/2	3/8
S268AB-8-8	868-8-8	1/2	1/2
S268AB-10-6	868-10-6	5/8	3/8
S268AB-10-8	868-10	5/8	1/2
S268AB-10-12	868-10-12	5/8	3/4
S268AB-12-8	868-12	3/4	1/2
S268AB-12-12	868-12-12	3/4	3/4

## [F] 45° ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S279AB-4-2	880-4	1/4	1/8
S279AB-4-4	880-4-4	1/4	1/4
S279AB-6-2	880-6-2	3/8	1/8
S279AB-6-4	880-6	3/8	1/4
S279AB-6-6	880-6-6	3/8	3/8
S279AB-6-8	880-6-8	3/8	1/2
S279AB-8-6	880-8	1/2	3/8
S279AB-8-8	880-8-8	1/2	1/2
S279AB-10-8	880-10	5/8	5/8

# COPPER TUBE AIR BRAKE FITTINGS



## [A] UNION ELBOW

TS P/N	CMI P/N	TUBE
S265AB-4	865-4	1/4
S265AB-6	865-6	3/8
S265AB-8	865-8	1/2
S265AB-10	865-10	5/8

## [D] UNION TEE

TS P/N	CMI P/N	TUBE
S264AB-4	864-4	1/4
S264AB-6	864-6	3/8
S264AB-8	864-8	1/2
S264AB-10	864-10	5/8

## [B] MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S269AB-4-2	869-4	1/4	1/8
S269AB-4-4	869-4-4	1/4	1/4
S269AB-4-6	869-4-6	1/4	3/8
S269AB-6-2	869-6-2	3/8	1/8
S269AB-6-4	869-6	3/8	1/4
S269AB-6-6	869-6-6	3/8	3/8
S269AB-6-8	869-6-8	3/8	1/2
S269AB-8-4	869-8-4	1/2	1/4
S269AB-8-6	869-8	1/2	3/8
S269AB-8-8	869-8-8	1/2	1/2
S269AB-10-6	869-10-6	5/8	3/8
S269AB-10-8	869-10	5/8	1/2
S269AB-10-12	869-10-12	5/8	3/4
S269AB-12-8	869-12	3/4	1/2

## [E] FEMALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S270AB-4-2	870-4	1/4	1/8
S270AB-4-4	870-4-4	1/4	1/4
S270AB-6-2	870-6-2	3/8	1/8
S270AB-6-4	870-6	3/8	1/4
S270AB-6-6	870-6-6	3/8	3/8
S270AB-8-6	870-8	1/2	3/8
S270AB-8-8	870-8-8	1/2	1/2
S270AB-10-1-8	870-10	5/8	1/2

## [C] MALE RUN TEE

TS P/N	CMI P/N	TUBES	PIPE
S271AB-4-2-4	871-4	1/4 & 1/8	1/4
S271AB-4-4	871-4-4	1/4	1/4
S271AB-6-4	871-6	3/8 & 1/4	3/8
S271AB-6-6	871-6-6-6	3/8	3/8
S271AB-8-6	871-8	1/2 & 3/8	1/2
S271AB-8-4	871-8-4	1/2	1/4
S271AB-8-6-6	871-8-6-6	1/2 & 3/8	3/8
S271AB-8-8	871-8-8	1/2	1/2
S271AB-10-8	871-10	5/8 & 1/2	5/8

## [F] MALE BRANCH TEE

TS P/N	CMI P/N	TUBES	PIPE
S272AB-4-2	872-4	1/4	1/8
S272AB-4-4	872-4-4	1/4	1/4
S272AB-6-2	872-6-6-2	3/8 & 1/8	3/8
S272AB-6-4	872-6	3/8	1/4
S272AB-6-6	872-6-6-6	3/8	3/8
S272AB-8-6	872-8	1/2	3/8
S272AB-8-8	872-8-8	1/2	1/2
S272AB-10-8	872-10	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

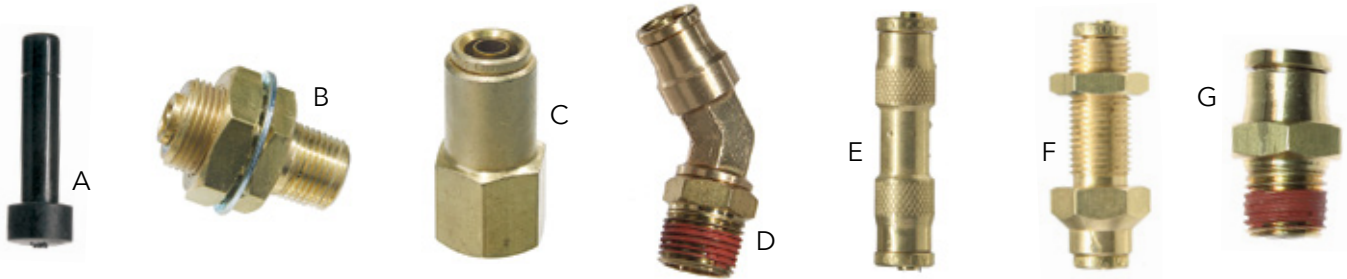
## TUBE & PIPE THREAD SIZES

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	CMI P/N	TUBE
S639PMT-532	959-2.5PXDOT	5/32
S639PMT-4	959-4PXDOT	1/4
S639PMT-6	959-6PXDOT	3/8
S639PMT-8	959-8PXDOT	1/2

## [B] GLADHAND BULKHEAD STUD

TS P/N	CMI P/N	TUBE	PIPE
S983PMT-6-8	983-6-8PXDOT	3/8	1/2
S983PMT-6-8L	983-6-8PXDOTL	3/8	1/2
S983PMT-8-8	983-8-8PXDOT	1/2	1/2
S983PMT-8-8L	983-8-8PXDOTL	1/2	1/2

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

## [C] FEMALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S66PMT-4-2	966-4PXDOT	1/4	1/8
S66PMT-4-4	966-4-4PXDOT	1/4	1/4
S66PMT-6-4	966-6PXDOT	3/8	1/4
S66PMT-6-6	966-6-6PXDOT	3/8	3/8
S66PMT-8-6	966-8PXDOT	1/2	3/8
S66PMT-8-8	966-8-8PXDOT	1/2	1/2

## [D] 45° MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S254PMTNS-4-2	980-4PXDOT	1/4	1/8
S254PMTNS-4-4	980-4-4PXDOT	1/4	1/4
S254PMTNS-6-2	980-6-2PXDOT	3/8	1/8
S254PMTNS-6-4	980-6PXDOT	3/8	1/4
S254PMTNS-6-6	980-6-6PXDOT	3/8	3/8
S254PMTNS-8-6	980-6-8PXDOT	3/8	1/2
S254PMTNS-8-4	980-8-4PXDOT	1/2	1/4
S254PMTNS-8-6	980-8PXDOT	1/2	3/8
S254PMTNS-8-8	980-8-8PXDOT	1/2	1/2
S254PMTNS-10-6	980-10-6PXDOT	5/8	3/8
S254PMTNS-10-8	980-10PXDOT	5/8	1/2
S254PMTNS-12-12	980-12-12PXDOT	3/4	3/4

## [E] TUBING UNION

TS P/N	CMI P/N	TUBE
S62PMT-532	962-2.5PXDOT	5/32
S62PMT-3	962-3PXDOT	3/16
S62PMT-4	962-4PXDOT	1/4
S62PMT-6	962-6PXDOT	3/8
S62PMT-8	962-8PXDOT	1/2
S62PMT-10	962-10PXDOT	5/8

## [F] BULKHEAD UNION

TS P/N	CMI P/N	TUBE	THREAD
S62PMTBH-4	982-4PXDOT	1/4	1/2-20
S62PMTBH-6	982-6PXDOT	3/8	5/8-18
S62PMTBH-8	982-8PXDOT	1/2	3/4-16
S62PMTBH-10	982-10PXDOT	5/8	15/16-16

## [G] MALE CONNECTOR

TS P/N	CMI P/N	TUBE	PIPE
S68PMT-532-1	968-2.5-1PXDOT	5/32	1/16
S68PMT-532-2	968-2.5-2PXDOT	5/32	1/8
S68PMT-3-2	968-3-2PXDOT	3/16	1/8
S68PMT-4-2	968-4PXDOT	1/4	1/8
S68PMT-4-4	968-4-4PXDOT	1/4	1/4
S68PMT-4-6	968-4-6PXDOT	1/4	3/8
S68PMT-6-2	968-6-2PXDOT	3/8	1/8
S68PMT-6-4	968-6PXDOT	3/8	1/4
S68PMT-6-6	968-6-6PXDOT	3/8	3/8
S68PMT-6-8	968-6-8PXDOT	3/8	1/2
S68PMT-8-4	968-8-4PXDOT	1/2	1/4
S68PMT-8-8	968-8PXDOT	1/2	3/8
S68PMT-8-6	968-8-8PXDOT	1/2	1/2
S68PMT-10-6	968-10-6PXDOT	5/8	5/8
S68PMT-10-8	968-10PXDOT	5/8	1/2
S68PMT-12-8	968-12-8PXDOT	3/4	1/2
S68PMT-12-12	968-12-12PXDOT	3/4	3/4





## [A] 90° MALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S269PMTNS-532-1	969-2.5-1PXDOT	5/32	1/16
S269PMTNS-532-2	969-2.5-2PXDOT	5/32	1/8
S269PMTNS-3-2	969-3-2PXDOT	3/16	1/8
S269PMTNS-4-2	969-4PXDOT	1/4	1/8
S269PMTNS-4-4	969-4-4PXDOT	1/4	1/4
S269PMTNS-4-6	969-4-6PXDOT	1/4	3/8
S269PMTNS-6-2	969-6-2PXDOT	3/8	1/8
S269PMTNS-6-4	969-6PXDOT	3/8	1/4
S269PMTNS-6-6	969-6-6PXDOT	3/8	3/8
S269PMTNS-6-8	969-6-8PXDOT	3/8	1/2
S269PMTNS-8-4	969-8-4PXDOT	1/2	1/4
S269PMTNS-8-6	969-8PXDOT	1/2	3/8
S269PMTNS-8-8	969-8-8PXDOT	1/2	1/2
S269PMTNS-10-6	969-10-6PXDOT	5/8	5/8
S269PMTNS-10-8	969-10PXDOT	5/8	1/2
S269PMTNS-12-8	969-12-8PXDOT	3/4	1/2

## [B] 45° ELBOW - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S254PMT-4-2	980-4PXDOTS	1/4	1/8
S254PMT-4-4	980-4-4PXDOTS	1/4	1/4
S254PMT-6-2	980-6-2PXDOTS	3/8	1/8
S254PMT-6-4	980-6PXDOTS	3/8	1/4
S254PMT-6-6	980-6-6PXDOTS	3/8	3/8
S254PMT-8-4	980-8-4PXDOTS	1/2	1/4
S254PMT-8-6	980-8PXDOTS	1/2	3/8
S254PMT-8-8	980-8-8PXDOTS	1/2	1/2
S254PMT-10-8	980-10PXDOTS	5/8	1/2

## [C] UNION ELBOW 90°

TS P/N	CMI P/N	TUBE
S265PMT-4	965-4PXDOT	1/4
S265PMT-6	965-6PXDOT	3/8
S265PMT-8	965-8PXDOT	1/2

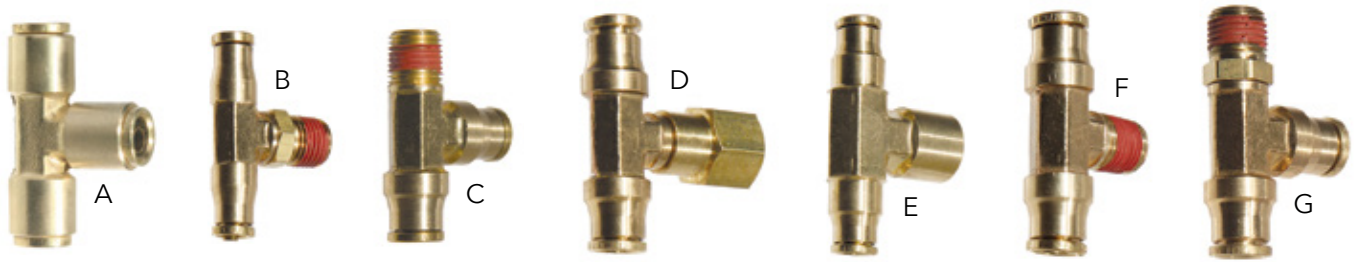
## [D] 90° FEMALE ELBOW

TS P/N	CMI P/N	TUBE	PIPE
S270PMTNS-4-2	970-4PXDOT	1/4	1/8
S270PMTNS-4-4	970-4-4PXDOT	1/4	1/4
S270PMTNS-4-6	970-4-6PXDOT	1/4	3/8
S270PMTNS-6-2	970-6-2PXDOT	3/8	1/8
S270PMTNS-6-4	970-6PXDOT	3/8	1/4
S270PMTNS-6-6	970-6-6PXDOT	3/8	3/8
S270PMTNS-8-6	970-8PXDOT	1/2	3/8
S270PMTNS-8-8	970-8-8PXDOT	1/2	1/2

## [E] 90° MALE ELBOW - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S269PMT-532-2	969-2.5-2PXDOTS	5/32	1/8
S269PMT-4-2	969-4PXDOTS	1/4	1/8
S269PMT-4-4	969-4-4PXDOTS	1/4	1/4
S269PMT-4-6	969-4-6PXDOTS	1/4	3/8
S269PMT-6-2	969-6-2PXDOTS	3/8	1/8
S269PMT-6-4	969-6PXDOTS	3/8	1/4
S269PMT-6-6	969-6-6PXDOTS	3/8	3/8
S269PMT-6-8	969-6-8PXDOTS	3/8	1/2
S269PMT-8-4	969-8-4PXDOTS	1/2	1/4
S269PMT-8-6	969-8PXDOTS	1/2	3/8
S269PMT-8-8	969-8-8PXDOTS	1/2	1/2
S269PMT-10-6	969-10-6PXDOTS	5/8	3/8
S269PMT-10-8	969-10PXDOTS	5/8	5/8
S269PMT-12-8	969-12-8PXDOTS	3/4	1/2
S269PMT-12-12	969-12-12PXDOTS	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

## [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

## [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

## [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

## [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

## [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

## [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

# 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.

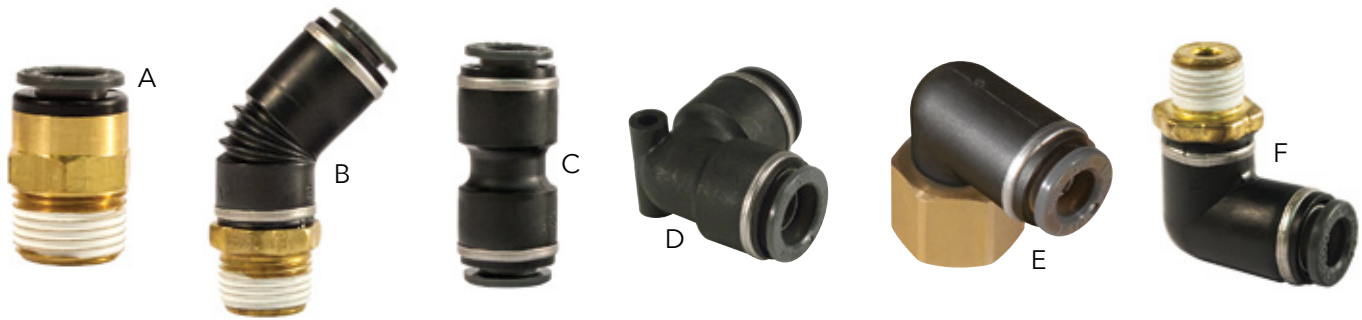
## SPECIAL ORDERS

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-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

## [D] UNION ELBOW

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

## [B] 45° MALE ELBOW - SWIVEL

TS P/N	CMI P/N	TUBE	PIPE
S754PMT-4-2	CDOT1480-4-2	1/4	1/8
S754PMT-4-4	CDOT1480-4-4	1/4	1/4
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-10-8	CDOT1480-10-8	5/8	1/2

## [F] 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] STRAIGHT UNION

TS P/N	CMI P/N	TUBE
S762PMT-4	CDOT1462-4	1/4
S762PMT-6	CDOT1462-6	3/8
S762PMT-8	CDOT1462-8	1/2



## [A] MALE BRANCH TEE

TS P/N	CMI P/N	TUBE	PIPE
S772PMT-4-2	CDOT1472-4-2	1/4	1/8
S772PMT-4-4	CDOT1472-4-4	1/4	1/4
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-8-6	CDOT1472-8-6	1/2	3/8

## [D] MALE RUN TEE

TS P/N	CMI P/N	TUBE	PIPE
S771PMT-4-2	CDOT1471-4-2	1/4	1/8
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-8-6	CDOT1471-8-6	1/2	3/8

## [B] FEMALE CONNECTOR

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

## [E] 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

## [C] UNION TEE

TS P/N	CMI P/N	TUBE
S764PMT-4	CDOT1464-4	1/4
S764PMT-6	CDOT1464-6	3/8
S764PMT-8	CDOT1464-8	1/2

## [F] BULKHEAD UNION

TS P/N	CMI P/N	TUBE
S762PMTBH-4	CDOT1474-4	1/4
S762PMTBH-6	CDOT1474-6	3/8
S762PMTBH-2	CDOT1474-8	1/2

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

## PRODUCT APPLICATION

Used with polyethylene or nylon tubing

NOTE: Not for DOT air brake use

## 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 250 psi

## TEMPERATURE RANGE

From -40°F to 200°F

## ASSEMBLY INSTRUCTIONS

Push the tubing into the connector, o-ring provides positive seal.

## FITTING SHAPES

SERIES	DESCRIPTION	EXAMPLE
62	Straight Union	1162-2PX
64	Union Tee	1164-4PX
68	Straight Male	1168-4PX
69	Male Elbow	1169-4PX





A - 1168-4X



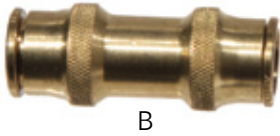
A - 1168-4-4X



A - 1168-6X

## [A] PUSH-IN STRAIGHT MALE

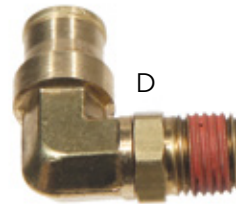
P/N	TUBE	PIPE
1168-4PX	1/4	1/8
1168-4-4PX	1/4	1/4
1168-6PX	3/8	1/4



B



C



D

## [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

## [C] UNION TEE

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



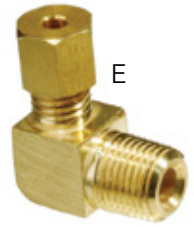
B



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 CONNECTOR

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

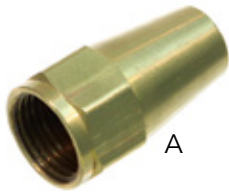
TS P/N	CMI P/N	TUBE
SFG-3	FG-3	3/16
SFG-4	FG-4	1/4
SFG-5	FG-5	5/16
SFG-6	FG-6	3/8
SFG-8	FG-8	1/2
SFG-10	FG-10	5/8
SFG-12	FG-12	3/4

## [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

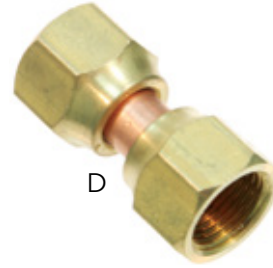


B

C



D



E



## [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

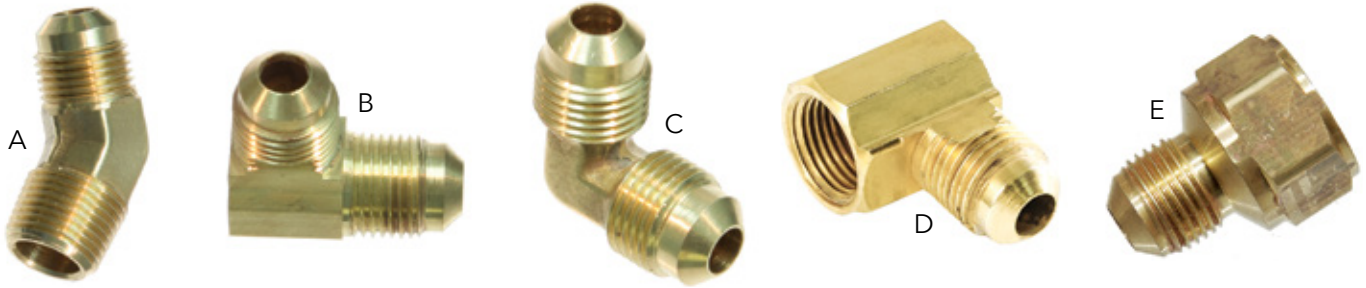
## [E] FLARE X MALE PIPE CONNECTOR

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**

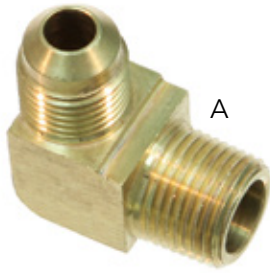
TS P/N	CMI P/N	TUBES
S155-2	155-2	1/8
S155-3	155-3	3/16
S155-4	155-4	1/4
S155-5	155-5	5/8
S155-6-4	155-6-4	3/8 & 1/4
S155-6	155-6	3/8
S155-8-6	155-8-6	1/2 & 3/8
S155-8	155-8	1/2
S155-10-8	155-10-8	5/8 & 1/2
S155-10	155-10	5/8
-	155-12	3/4

**[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**

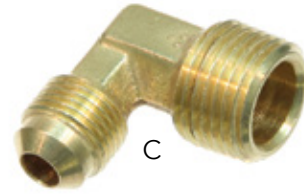
TS P/N	CMI P/N	TUBE	PIPE
S46-3-2	46-3-2	3/16	1/8
S46-4-2	46-4-2	1/4	1/8
S46-4-4	46-4-4	1/4	1/4
S46-4-6	46-4-6	1/4	3/8
S46-4-8	46-4-8	1/4	1/2
S46-5-2	46-5-2	5/16	1/8
S46-5-4	46-5-4	5/16	1/4
S46-6-2	46-6-2	3/8	1/8
S46-6-4	46-6-4	3/8	1/4
S46-6-6	46-6-6	3/8	3/8
S46-6-8	46-6-8	3/8	1/2
S46-6-12	46-6-12	3/8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

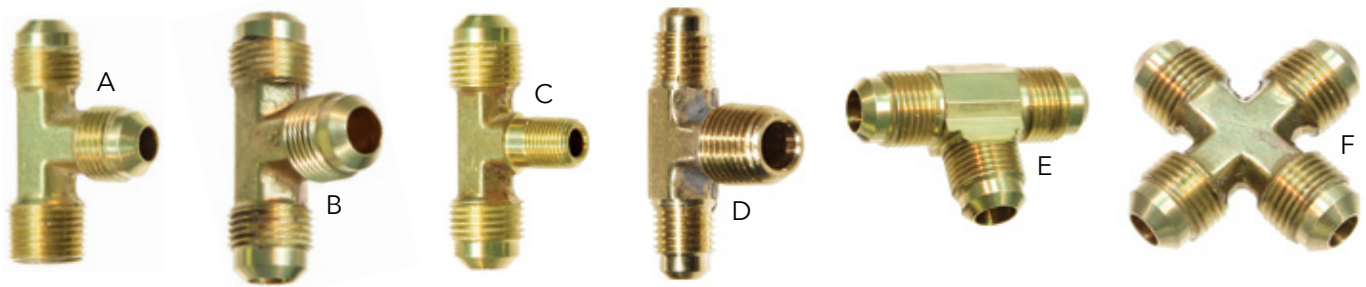
## [C] FORGED FLARE X MALE PIPE ELBOW

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.

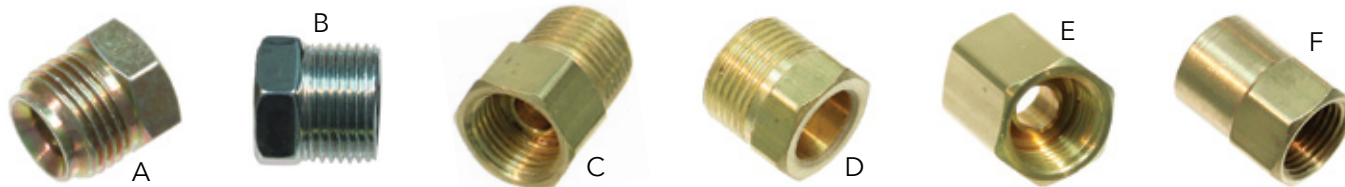
## TUBE & PIPE THREAD SIZES

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

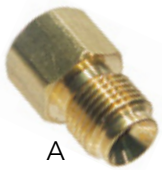
## [E] UNION FLARE

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

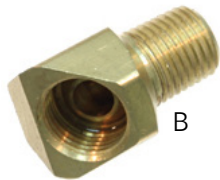
## [F] FEMALE CONNECTOR

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



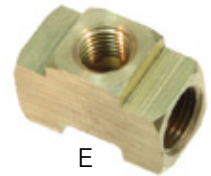
B



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

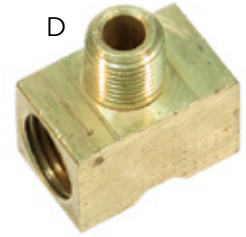
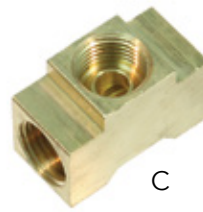
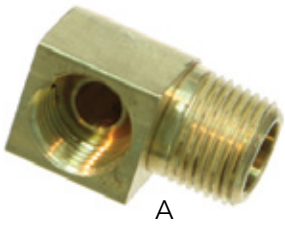
## [E] FEMALE BRANCH TEE

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

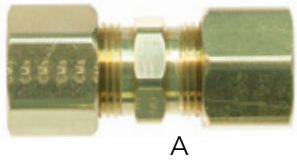
## [G] COMPRESSION NUT - LONG

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

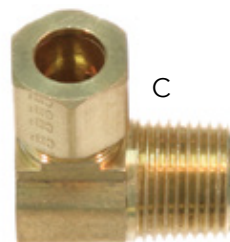
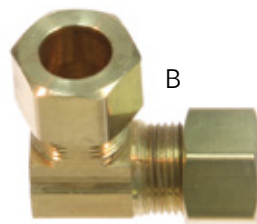
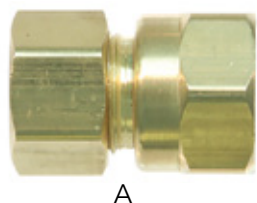
## [B] COMPRESSION BULKHEAD UNION

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

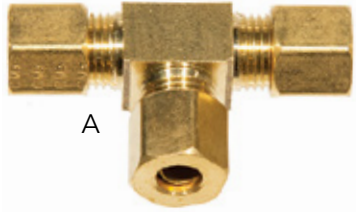
**[B] COMPRESSION UNION ELBOW - TUBE BOTH ENDS**

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

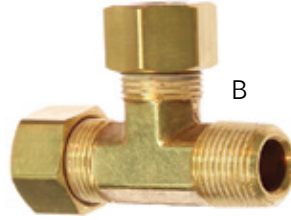
**[D] COMPRESSION X F.P.T. ELBOW**

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

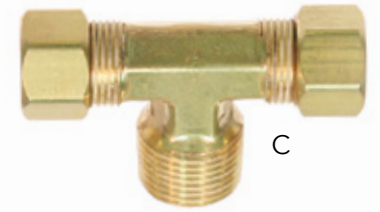
# BRASS COMPRESSION FITTINGS



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

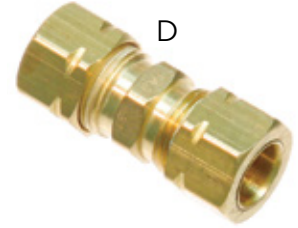
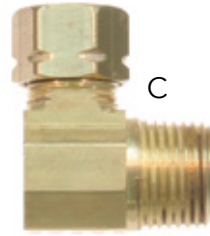
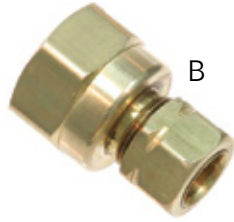
Machined from brass

## 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

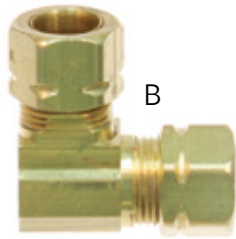
## [C] COMPRESSION X M.P.T. ELBOW

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

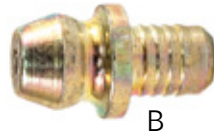


A - 491810

## [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

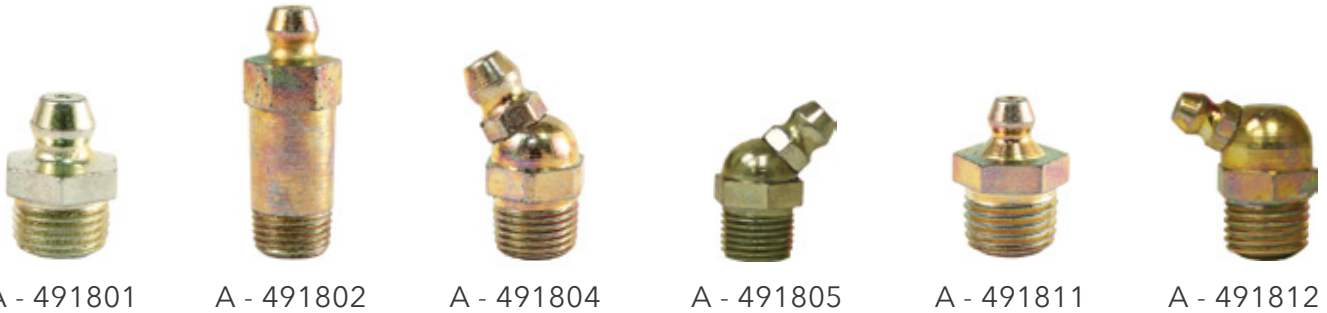
## [B] DRIVE

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
491801	10	1/8" MALE PIPE
491802	10	1/8" 65° MALE PIPE
491803	10	1/4"-28 TAPER THREAD
491805	10	1/8" 30° MALE PIPE
491806	10	1/8" 90° MALE PIPE
491807	10	1/4"-28 MALE PIPE
491809	10	1/8" 45° MALE PIPE
491810	10	1/4"-28 SHORT - .55"
491811	10	1/4"-28 90° THREAD
491812	10	1/4" DRIVE TYPE STRAIGHT

# 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

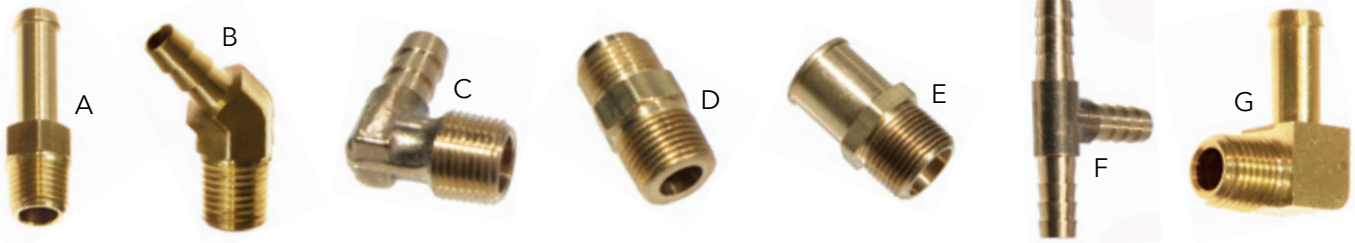
TS P/N	CMI P/N	HOSE I.D.	NPSM
S128-4-4	128-4-4	1/4	1/4
S128-5-4	128-5-4	5/16	1/4
S128-6-4	128-6-4	3/8	1/4
S128-6-6	128-6-6	3/8	3/8
S128-8-6	128-8-6	1/2	3/8
S128-8-8	128-8-8	1/2	1/2
S128-12-12	128-12-12	3/4	3/4

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

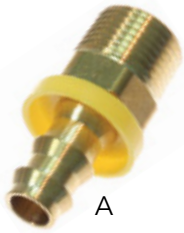
- Fittings should be ordered individually by part number.
- Consult current price sheet for packaging options.

## SPECIAL ORDERS

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



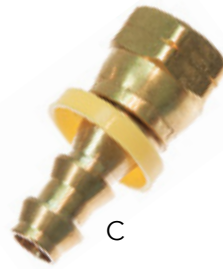
# LOW-PRESSURE, PUSH-ON BRASS HOSE BARBS



A



B



C



D



E

## [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

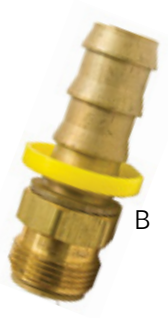
TS P/N	CMI P/N	HOSE
S696-4	729-4	1/4
S696-6	729-6	3/8
S696-8	729-8	1/2
S696-10	729-10	5/8
S696-12	729-12	3/4

## [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

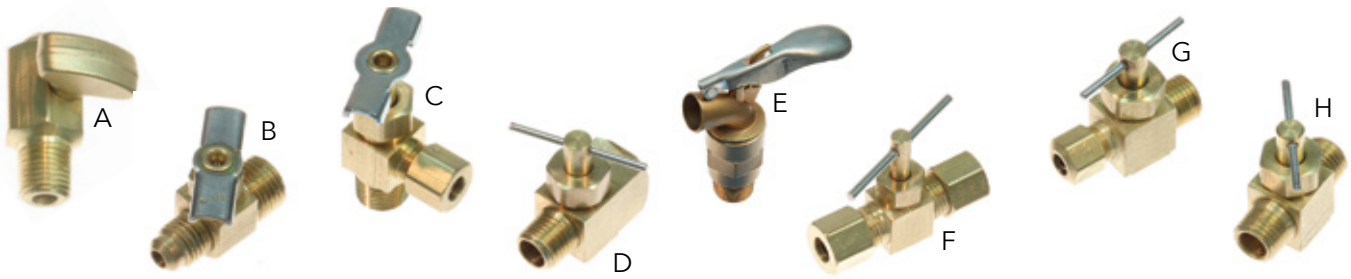
**[G] COOLER DRAIN**

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

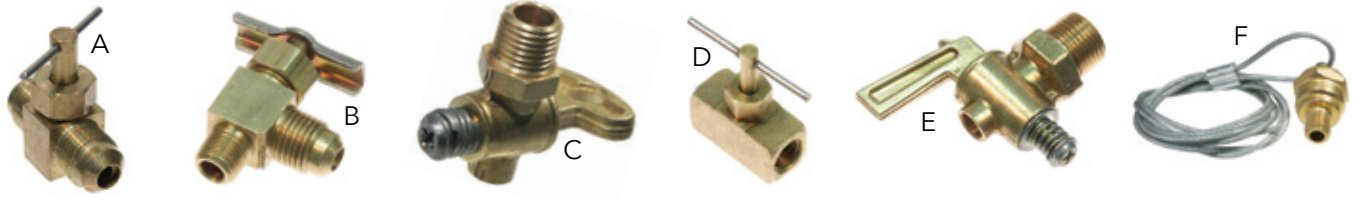
**[D] FEMALE PIPE TO MALE PIPE**

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

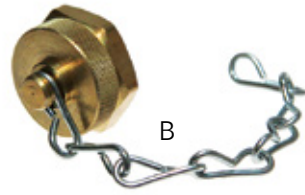
High volume requests for special fitting configurations may be available. Contact Tramec Sloan's Sales Customer Service Department for additional details.

**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

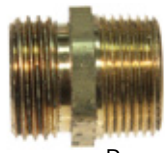
P/N	PIPE	FHT
HU21-8-12	1/2	3/4
HU21-12-12	3/4	3/4

## [G] FEMALE HOSE X FEMALE HOSE SWIVEL

P/N	FHT
HUS-12	3/4



A



B



C



D

## [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

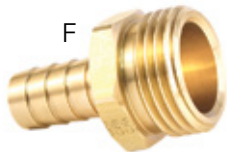
## [B] MALE PIPE X MALE HOSE THREAD

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



G



H



I

## [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

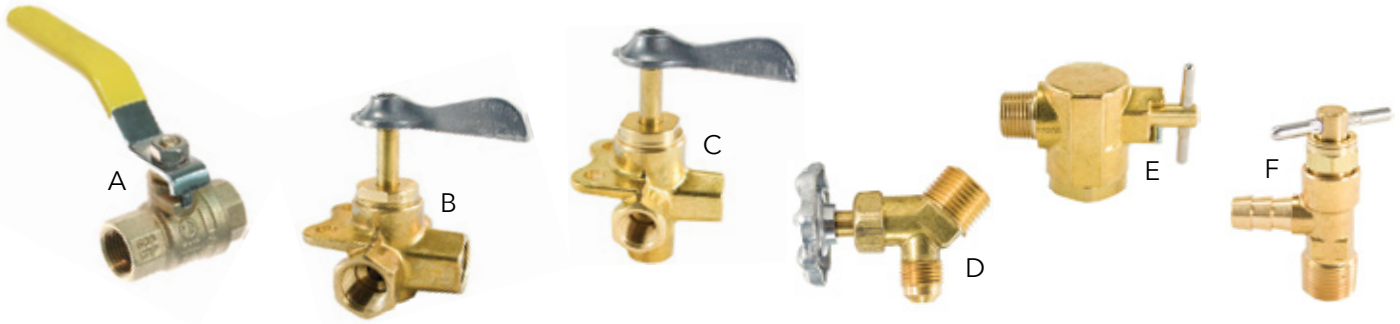
Swivel, Round Nut

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

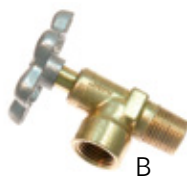
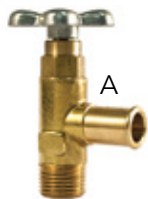
## [F] HOSE TO MALE PIPE

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.

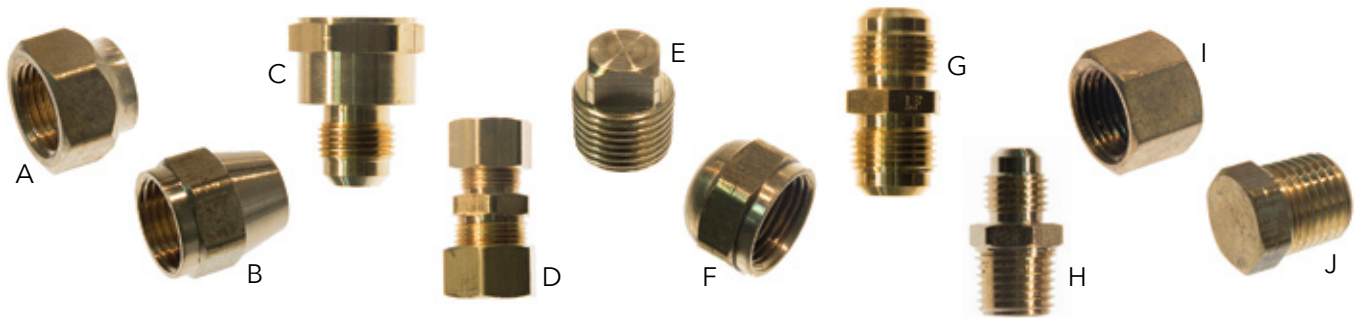
## SPECIAL ORDERS

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

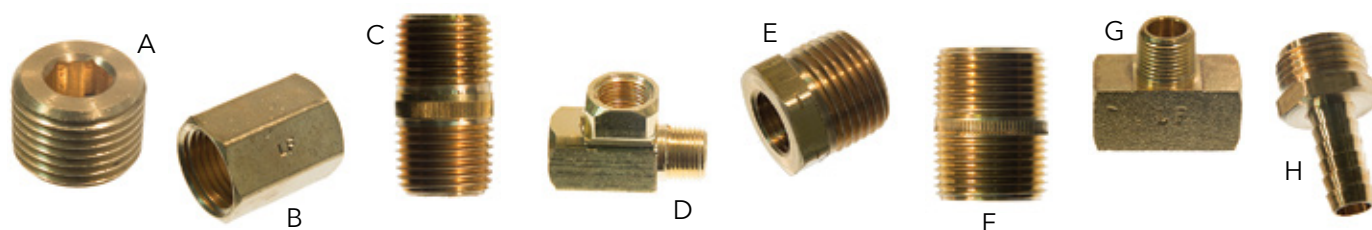
P/N	PIPE
LF73129-6	3/8
LF73129-8	1/2
LF73129-12	3/4

## [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] PIPE - REDUCER BUSHING

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

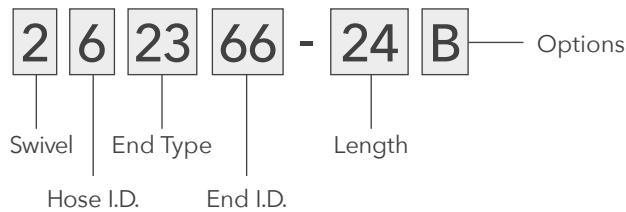
P/N	TUBES	PIPE
LF73600-6	3/8	3/8

## [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

# AIR BRAKE HOSE ASSEMBLIES

EXAMPLE PART NUMBER: 262366-24B



SWIVEL	HOSE I.D.	END TYPE	OPTIONS
1 - Permanent	6 - 3/8"	0 - No Adapter	AL - Aluminum Grips
2 - Adapter	8 - 1/2"	2 - Fixed	B - Blue Hose
3 - Slider		3 - Swivel	R - Red Hose
4 - Bulkhead	END I.D.	C - Crimp-On Bulkhead	V - Sealant
5 - Female 45°	4 - 1/4"		S - Springs
	6 - 3/8"	LENGTH	P - Plastic Sleeves
	8 - 1/2"	XX - Number of Inches*	A - Cold Weather hose
			W - Spiral Wrap

\* Length = hose plus ends

## HIGH QUALITY & AMERICAN MADE

- Top quality rubber air brake hose assemblies are available with a choice of several swivel ends. See illustrations on the following page for examples.
- Tramec Sloan hoses are in use by most major trailer manufacturers, and meet or exceed SAE and DOT standards.
- Product is available in all standard lengths as featured on the following pages, or can be built to your custom requirements.
- Standard hose assemblies use the traditional crimped nut and brass adapter to form each swivel.
- The end adapters may be replaced to change the pipe thread size of the end fittings.
- Add pre-applied thread sealant to male threads by adding suffix "V" to any hose assembly part number.
- Springs and plastic sleeving are also available on many of our standard hoses, and available in black, red, and blue rubber hose.



## 1-SERIES

### ORIGINAL PERMANENT

- Permanent swivel uses an internal O-ring, allowing part to swivel even after installation.
- Also known as a "live" swivel.

## 2-SERIES

### ADAPTER STYLE

- Traditional adapter-swivel is comprised of a brass adapter and steel nut, which creates a metal-to-metal seal when installed.
- Adapters can be changed to offer various thread sizes, making it an ideal aftermarket hose because of this versatility.

## 3-SERIES

### SLIDER

- Bulkhead Fittings enable quick connection to air brake tubing.
- Available in 1/4", 3/8", and 1/2" hose.
- Reduces number of fittings needed for application.
- Standard grip length is .305, longer length of .55 is available; Consult factory.
- Length is measured from hex to hex.

## 5-SERIES

### ALTERNATIVE PERMANENT

- Innovative, lightweight adapter features the benefits of a light steel collar and cost advantages of reduced material content.
- Seals with an internal O-ring.
- Springs not available on 5 Series Swivel Ends.

## 6-SERIES

### 45° FEMALE FLARE ENDS

- Permanent swivel with 3/8" female flare ends (45°) Frequently used on late model trucks and heavy duty equipment.



# STANDARD AIR BRAKE HOSE ASSEMBLIES



## 262366 SERIES

3/8" Hose, 3/8" Fixed & Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
453208	262366-08	8
453212	262366-12	12
453214	262366-14	14
453216	262366-16	16
453218	262366-18	18
453220	262366-20	20
453222	262366-22	22
453224	262366-24	24
453226	262366-26	26
453228	262366-28	28
453230	262366-30	30
453232	262366-32	32
453234	262366-34	34
453236	262366-36	36
453238	262366-38	38
453240	262366-40	40
453242	262366-42	42
453244	262366-44	44
453246	262366-46	46
453248	262366-48	48
453250	262366-50	50
453252	262366-52	52
453254	262366-54	54
453256	262366-56	56
453260	262366-60	60
453266	262366-66	66
453272	262366-72	72
453284	262366-84	84



## 263366 SERIES

3/8" Hose, 3/8" Double Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
453308	263366-08	8
453312	263366-12	12
453314	263366-14	14
453316	263366-16	16
453318	263366-18	18
453320	263366-20	20
453322	263366-22	22
453324	263366-24	24
453326	263366-26	26
453328	263366-28	28
453330	263366-30	30
453332	263366-32	32
453334	263366-34	34
453336	263366-36	36
453338	263366-38	38
453340	263366-40	40
453342	263366-42	42
453344	263366-44	44
453346	263366-46	46
453348	263366-48	48
453350	263366-50	50
453352	263366-52	52
453354	263366-54	54
453356	263366-56	56
453360	263366-60	60
453366	263366-66	66
453372	263366-72	72
453384	263366-84	84

# STANDARD AIR BRAKE HOSE ASSEMBLIES



## 262344 SERIES

3/8" Hose, 1/4" Fixed & Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
453108	262344-08	8
453112	262344-12	12
453114	262344-14	14
453116	262344-16	16
453118	262344-18	18
453120	262344-20	20
453122	262344-22	22
453124	262344-24	24
453126	262344-26	26
453128	262344-28	28
453130	262344-30	30
453132	262344-32	32
453134	262344-34	34
453136	262344-36	36
453138	262344-38	38
453140	262344-40	40
453142	262344-42	42
453144	262344-44	44
453146	262344-46	46
453148	262344-48	48
453150	262344-50	50
453152	262344-52	52
453154	262344-54	54
453156	262344-56	56
453160	262344-60	60
453166	262344-66	66
453172	262344-72	72
453184	262344-84	84

## 263344 SERIES

3/8" Hose, 1/4" Double Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
453408	263344-08	8
453412	263344-12	12
453414	263344-14	14
453416	263344-16	16
453418	263344-18	18
453420	263344-20	20
453422	263344-22	22
453424	263344-24	24
453426	263344-26	26
453428	263344-28	28
453430	263344-30	30
453432	263344-32	32
453434	263344-34	34
453436	263344-36	36
453438	263344-38	38
453440	263344-40	40
453442	263344-42	42
453444	263344-44	44
453446	263344-46	46
453448	263344-48	48
453450	263344-50	50
453452	263344-52	52
453454	263344-54	54
453456	263344-56	56
453460	263344-60	60
453466	263344-66	66
453472	263344-72	72
453484	263344-84	84

# STANDARD AIR BRAKE HOSE ASSEMBLIES



## 282366 SERIES

1/2" Hose, 3/8" Fixed & Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
452108	282366-08	8
452112	282366-12	12
452114	282366-14	14
452116	282366-16	16
452118	282366-18	18
452120	282366-20	20
452122	282366-22	22
452124	282366-24	24
452126	282366-26	26
452128	282366-28	28
452130	282366-30	30
452132	282366-32	32
452134	282366-34	34
452136	282366-36	36
452138	282366-38	38
452140	282366-40	40
452142	282366-42	42
452144	282366-44	44
452146	282366-46	46
452148	282366-48	48
452150	282366-50	50
452152	282366-52	52
452154	282366-54	54
452156	282366-56	56
452160	282366-60	60
452166	282366-66	66
452172	282366-72	72
452184	282366-84	84



## 283366 SERIES

1/2" Hose, 3/8" Double Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
452208	283366-08	8
452212	283366-12	12
452214	283366-14	14
452216	283366-16	16
452218	283366-18	18
452220	283366-20	20
452222	283366-22	22
452224	283366-24	24
452226	283366-26	26
452228	283366-28	28
452230	283366-30	30
452232	283366-32	32
452234	283366-34	34
452236	283366-36	36
452238	283366-38	38
452240	283366-40	40
452242	283366-42	42
452244	283366-44	44
452246	283366-46	46
452250	283366-50	48
452252	283366-52	50
452252	282366-52	52
452254	283366-54	54
452256	283366-56	56
452260	283366-60	60
452266	283366-66	66
452272	283366-72	72
452284	283366-84	84

# 5-SERIES AIR BRAKE HOSE ASSEMBLIES



## 562366 SERIES

3/8" Hose, 3/8" Fixed & Swivel Ends

P/N	OVERALL LENGTH
562366-08	8
562366-12	12
562366-14	14
562366-16	16
562366-18	18
562366-20	20
562366-22	22
562366-24	24
562366-26	26
562366-28	28
562366-30v	30
562366-32	32
562366-34	34
562366-36	36
562366-38	38
562366-40	40
562366-42	42
562366-44	44
562366-46	46
562366-48	48
562366-50	50
562366-52	52
562366-54	54
562366-56	56
562366-60	60
562366-66	66
562366-72	72
562366-84	84

## 563366 SERIES

3/8" Hose, 3/8" Double Swivel Ends

P/N	OVERALL LENGTH
563366-08	8
563366-12	12
563366-14	14
563366-16	16
563366-18	18
563366-20	20
563366-22	22
563366-24	24
563366-26	26
563366-28	28
563366-30	30
563366-32	32
563366-34	34
563366-36	36
563366-38	38
563366-40	40
563366-42	42
563366-44	44
563366-46	46
563366-48	48
563366-50	50
563366-52	52
563366-54	54
563366-56	56
563366-60	60
563366-66	66
563366-72	72
563366-84	84

# PERMANENT SWIVEL HOSE ASSEMBLIES



## 182366 SERIES

1/2" Hose, 3/8" Fixed & Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
RPS1238-08	182366-08	8
RPS1238-12	182366-12	12
RPS1238-14	182366-14	14
RPS1238-16	182366-16	16
RPS1238-18	182366-18	18
RPS1238-20	182366-20	20
RPS1238-22	182366-22	22
RPS1238-24	182366-24	24
RPS1238-26	182366-26	26
RPS1238-28	182366-28	28
RPS1238-30	182366-30	30
RPS1238-32	182366-32	32
RPS1238-34	182366-34	34
RPS1238-36	182366-36	36
RPS1238-38	182366-38	38
RPS1238-40	182366-40	40
RPS1238-42	182366-42	42
RPS1238-44	182366-44	44
RPS1238-46	182366-46	46
RPS1238-48	182366-48	48
RPS1238-50	182366-50	50
RPS1238-52	182366-52	52
RPS1238-54	182366-54	54
RPS1238-56	182366-56	56
RPS1238-60	182366-60	60
RPS1238-66	182366-66	66
RPS1238-72	182366-72	72
RPS1238-84	182366-84	84

## 183366 SERIES

1/2" Hose, 3/8" Double Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
454008	183366-08	8
454012	183366-12	12
454014	182366-14	14
454016	183366-16	16
454018	183366-18	18
454020	183366-20	20
454022	183366-22	22
454024	183366-24	24
454026	183366-26	26
454028	183366-28	28
454030	183366-30	30
454032	183366-32	32
454034	183366-34	34
454036	183366-36	36
454038	183366-38	38
454040	183366-40	40
454042	183366-42	42
454044	183366-44	44
454046	183366-46	46
454048	183366-48	48
454050	183366-50	50
454052	183366-52	52
454054	182366-54	54
454056	183366-56	56
454060	183366-60	60
454066	183366-66	66
454072	183366-72	72
454084	183366-84	84



# PERMANENT SWIVEL HOSE ASSEMBLIES



## 162366 SERIES

3/8" Hose, 3/8" Fixed & Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
RPS3838-08	162366-08	8
RPS3838-12	162366-12	12
RPS3838-14	162366-14	14
RPS3838-16	162366-16	16
RPS3838-18	162366-18	18
RPS3838-20	162366-20	20
RPS3838-22	162366-22	22
RPS3838-24	162366-24	24
RPS3838-26	162366-26	26
RPS3838-28	162366-28	28
RPS3838-30	162366-30	30
RPS3838-32	162366-32	32
RPS3838-34	162366-34	34
RPS3838-36	162366-36	36
RPS3838-38	162366-38	38
RPS3838-40	162366-40	40
RPS3838-42	162366-42	42
RPS3838-44	162366-44	44
RPS3838-46	162366-46	46
RPS3838-48	162366-48	48
RPS3838-50	162366-50	50
RPS3838-52	162366-52	52
RPS3838-54	162366-54	54
RPS3838-56	162366-56	56
RPS3838-60	162366-60	60
RPS3838-66	162366-66	66
RPS3838-72	162366-72	72
RPS1238-84	162366-84	84

## 163366 SERIES

3/8" Hose, 3/8" Double Swivel Ends

TS P/N	CMI P/N	OVERALL LENGTH
455008	163366-08	8
455012	163366-12	12
455014	162366-14	14
455016	163366-16	16
455018	163366-18	18
455020	163366-20	20
455022	163366-22	22
455024	163366-24	24
455026	163366-26	26
455028	163366-28	28
455030	163366-30	30
455032	163366-32	32
455034	163366-34	34
455036	163366-36	36
455038	163366-38	38
455040	163366-40	40
455042	163366-42	42
455044	163366-44	44
455046	163366-46	46
455048	163366-48	48
455050	163366-50	50
455052	163366-52	52
455054	162366-54	54
455056	163366-56	56
455060	163366-60	60
455066	163366-66	66
455072	163366-72	72
455084	163366-84	84

# SLIDER AXLE HOSE ASSEMBLIES



## 346600 SERIES

1/4" Hose, Connects to 3/8" Tubing

P/N	OVERALL LENGTH
346600-60	60
346600-66	66
346600-72	72
346600-78	78
346600-84	84
346600-90	90
346600-96	96
346600-102	102
346600-108	108
346600-114	114
346600-120	120
346600-126	126
346600-132	132
346600-138	138
346600-144	144

## 366600 SERIES

3/8" Hose, Connects to 3/8" Tubing

P/N	OVERALL LENGTH
457060	60
457072	72
457078	78
457084	84
457090	90
457096	96
457102	102
457108	108
457114	114
457120	120
457126	126
457132	132
457138	138
457144	144

## 368800 SERIES

3/8" Hose, Connects to 1/2" Tubing

P/N	OVERALL LENGTH
458060	60
458066	66
458072	72
458078	78
458084	84
458090	90
458096	96
458102	102
458108	108
458114	114
458120	120
458126	126
458132	132
458138	138
458144	144

## 388800 SERIES

1/2" Hose, Connects to 1/2" Tubing

P/N	OVERALL LENGTH
388800-60	60
388800-66	66
388800-72	72
388800-78	78
388800-84	84
388800-90	90
388800-96	96
388800-102	102
388800-108	108
388800-114	114
388800-120	120
388800-126	126
388800-132	132
388800-138	138
388800-144	144



## 262288S SERIES

3/8" Hose, 1/2" Spring Reinforced Ends

TS P/N	CMI P/N	OVERALL LENGTH
460048	262288-48S	48
460060	262288-60S	60
460072	262288-72S	72
460084	262288-84S	84
460096	262288-96S	96
460108	262288-108S	108
460120	262288-120S	120
460144	262288-144S	144
460180	262288-180S	180
460240	262288-240S	240
460264	262288-264S	264

## 262288 SERIES

3/8" Hose, 1/2" Fixed Ends

P/N	OVERALL LENGTH
262288-48	48
262288-60	60
262288-72	72
262288-84	84
262288-96	96
262288-108	108
262288-120	120
262288-144	144
262288-180	180
262288-240	240
262288-264	264

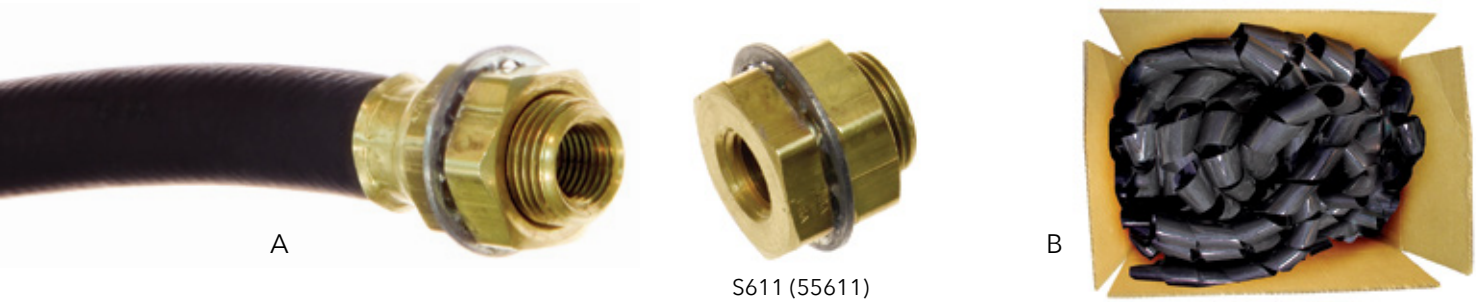


## AIR BRAKE HOSES WITH 45° FLARE FEMALE SWIVEL ENDS

- Hose meets SAE J1402, DOT FMVSS 106
- Increasingly common newer model trucks and heavy duty equipment.
- Various adapter ends, standard 45° flare connectors.
- Available in black, red, and blue hose.

P/N	DESCRIPTION	OVERALL LENGTH
666600-18	3/8" Hose, 3/8" Female Flare Swivel Ends	18
666600-24	3/8" Hose, 3/8" Female Flare Swivel Ends	24
666600-30	3/8" Hose, 3/8" Female Flare Swivel Ends	30
666600-36	3/8" Hose, 3/8" Female Flare Swivel Ends	36
666600-42	3/8" Hose, 3/8" Female Flare Swivel Ends	42
666600-48	3/8" Hose, 3/8" Female Flare Swivel Ends	48
666600-54	3/8" Hose, 3/8" Female Flare Swivel Ends	54
666600-60	3/8" Hose, 3/8" Female Flare Swivel Ends	60

# CRIMP-ON BULKHEAD HOSE ASSEMBLY



## [A] CRIMP-ON BULKHEAD HOSE ASSEMBLY

Innovative new crimp-on bulkhead combines our best-selling anchor fitting S611 (55611) with our popular air brake hose assemblies. Bulkhead dimensions are the same as that of our S611 (55611) found on page 12.

- Eliminates excess components.
- Allows connection directly to frame/plate.
- Female 1/4" thread allows numerous of plumbing options so that connections can be made to straight, 90° or 45° fittings.
- Reduces the number of potential leak points and reduces the number of fittings in the bills of material.
- Measured from bulkhead hex to pipe thread end. (if ordered with male NPTF pipe on one end.)

P/N	DESCRIPTION	HEX TO END LENGTH
563C64-24	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	24
563C64-28.5	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	28.5
563C64-30	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	30
563C64-34.5	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	34.5
563C64-36	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	36
563C64-48	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	48
563C64-60	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	60
563C64-72	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	72
563C64-84	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	84
563C64-96	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	96
563C64-108	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	108
563C64-120	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	120
563C64-132	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	132
563C64-144	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	144
563C64-156	3/8" Hose, Crimp-On Bulkhead and 3/8" Swivel Ends	156

## [B] BULK SPIRAL WRAP

P/N	DESCRIPTION
451106	100' Bulk Spiral Wrap, 1.14" Diameter
451116	100' Bulk Spiral Wrap, 1.5" Diameter
451117	100' Bulk Spiral Wrap, 2" Diameter
451118	100' Bulk Spiral Wrap, 3" Diameter



## CUSTOM AIR BRAKE PLUMBING KITS

Cost-Reducing & Time-Saving

- Perfect solution for complex bills of material at trailer OEMs! Simplify material planning by using one part number instead of the numerous fittings and the hoses required for each unit.
- Customer assigns his own part number, and may include any Tramec Sloan items to build a customized kit. All kits are packaged to meet your specific production line requirements.
- Tramec Sloan currently builds kits for several leading trailer manufacturers. Some customers use numerous kits (to cover all standard brake plumbing bills of material.)
- Contact sales department for more details on this cost-reducing, time-saving concept!

## PLASTIC PERFORATED SLEEVING

Paint Booth Protection for Hose Assembly

- Cover you air brake hose assemblies before sending the frame through the paint booth. Painted hoses appear cracked when the hose flexes and can cause perfectly good hoses to be called into question during inspections. Prevent the hassle with this popular option.
- Poly sleeving is transparent, perforated, and available preinstalled on hoses, or in bulk rolls for do-it-yourself production requirements.
- Contact sales department for details.



# RUBBER BULK AIR BRAKE HOSE



## BULK AIR BRAKE HOSE

- Bulk rubber hose for use in making brake chamber hose assemblies to custom lengths
- Hose is EPDM & meets all FMVSS 571.106 specs
- Can be used with reusable style brass hose ends and/or fittings designed for use with a portable crimping machine
- Bulk air brake hose is certified to meet all pertinent SAE J1402 and DOT requirements

TS P/N	CMI P/N	LENGTH	I.D.	O.D.
451027	38050	50ft.	3/8	3/4
451028	38250	250ft.	3/8	3/4
451045	12050	50ft.	1/2	7/8
451044	12250	250ft.	1/2	7/8

## BULK COLD-WEATHER AIR BRAKE HOSE

- Bulk cold weather rubber hose for use in making brake chamber hose assemblies to custom lengths
- Can be used with reusable style brass hose ends and/or fittings designed for use with a portable crimping machine
- Bulk air brake hose is certified to meet all pertinent SAE J1402 and DOT requirements Includes FMVSS 571.106 specs
- Intended for harsh, low temperature environments. Rated for -65°F

TS P/N	CMI P/N	LENGTH	I.D.	O.D.
451044A	12250A	250ft.	1/2	7/8
451027A	38050A	50ft.	3/8	3/4
451028A	38250A	250ft.	3/8	3/4

## RED & BLUE BULK AIR BRAKE HOSE

- 3/8" Red Rubber Hose
- Instant Identification of Service and Emergency Lines
- Rubber Air Brake Hose Rated -40°F - 212°F.
- PSI: 225
- Complies with SAE J1402 Type A Rubber Air Brake Hose
- Meets all FMVSS 106 Requirements
- Product Available in all Standard lengths or can be Built to Custom Requirements

TS P/N	CMI P/N	COLOR	LENGTH	I.D.	O.D.
31102B	38050B	Blue	50ft.	3/8	3/4
31002B	38250B	Blue	250ft.	3/8	3/4
31102R	38050R	Red	50ft.	3/8	3/4
31002R	38250R	Red	250ft.	3/8	3/4



## BULK AIR BRAKE TUBING

- 100 ft and 50 ft lengths are sold rolled and tie  
Longer lengths of tubing are shipped on cardboard reels.
- Type A: Non reinforced tubing, sizes 1/8" through 5/16"
- Type B: Reinforced tubing, sizes 3/8" through 3/4"
- For colored tubing, use one of the following color suffixes:  
Red=RD • Blue=BU • Yellow=YL • Green=GR  
White=WH • Orange=OR • Brown=BR  
Purple=PL • Silver=SI
- EX) 8-100RD = 1/2 inch O.D. Red Tubing x 100 ft

TS P/N	CMI P/N	TYPE	LENGTH	O.D.
451029-50	2-50	A	50 ft.	1/8
451029	2-100	A	100 ft.	1/8
451029-1000	2-1000	A	1000 ft.	1/8
451067	2.5-100	A	100 ft.	5/32
451067-1000	2.5-1000	A	1000 ft.	5/32
451068-50	3-50	A	50 ft.	3/16
451068-250	3-250	A	250 ft.	3/16
451030	4-100	A	100 ft.	1/4
451030-500	4-500	A	500 ft.	1/4
451030-1000	4-1000	A	1000 ft.	1/4
451054	5-100	B	100 ft.	5/16
451054-500	5-500	B	500 ft.	5/16
451031	6-100	B	100 ft.	3/8
451031-500	6-500	B	500 ft.	3/8
451032	8-100	B	100 ft.	1/2
451032-500	8-500	B	500 ft.	1/2
451033	10-50	B	50 ft.	5/8
451033-250	10-250	B	250 ft.	5/8
451034	12-50	B	50 ft.	3/4
451034-250	12-250	B	250 ft.	3/4

## TUBING CUTTER

TS P/N	CMI P/N	DESCRIPTION
451100	PTC-001	Nylon Tubing/Hose Cutter
-	PTC-001RB	Replacement Blade
-	PTC-001P	Nylon Tubing/Heavy Hex Cutter

## ROADSIDE TIRE INFLATORS W/ AIR CHUCK

TS P/N	CMI P/N	DESCRIPTION
451104	TIF099	1/4 NPTF Female



## 3/8" HOSE QUICK-FIX® ASSEMBLIES

- Not just a fix, but a permanent solution!
- One package will repair two damaged 3/8" rubber air brake lines
- Clamshell packages include installation tool
- Available with 3/8" or 1/2" male fittings (for use with 3/8" rubber hose only)
- Meets DOT 106 SAE J1402 requirements
- Quick-Fix assemblies in clamshell packaging feature pre-applied thread sealant
- Packaged in point of purchase display pack

P/N	QTY	PACKAGE	FITTING	TOOL	DISPLAY
431402	1 Pack	Clamshell	3/8	✓	-
431402-12	12 Packs	Clamshell	3/8	✓	-
431402-100	100 Assemblies	Unpackaged	3/8	-	-
431403	1 Pack	Clamshell	1/2	✓	-
431403-12	12 Packs	Clamshell	1/2	✓	-
431403-100	100 Assemblies	Unpackaged	1/2	-	-
431405	12 Packs	Clamshell	3/8	✓	✓
431405D	-	-	-	-	Display Only
431406	12 Packs	Clamshell	1/2	✓	✓
31402*	2 Assemblies	Tube	3/8 NPTF	-	-
31403*	2 Assemblies	Tube	1/2 NPTF	-	-
31407*	2 Assemblies	Tube	3/8 NPTF & 1/4 NPTF Adapter	-	-
31408*	1 Assembly	Tube	3/8 NPTF with 3 1/2 Spring Guard Length	-	-
31409B*	1 Assembly	Tube	3/8 NPTF with 3 1/2 Spring Guard Length	-	-
31410*	1 Assembly	Tube	3/8 End Fitting + 1/4 NPTF Adapter + 1/2 NPTF Reducer + 3/8 x 3/8 NPTF Coupler	-	-

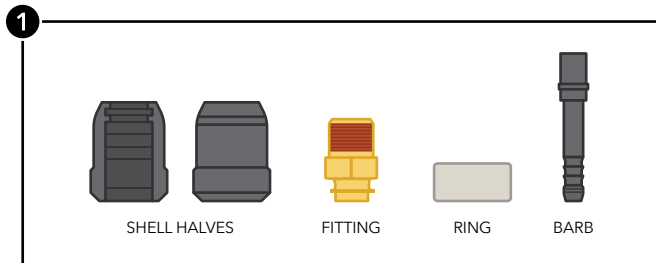
\* For pre-coated pipe threads, add the prefix "P" to the part number

\* When using with gladhands, add the suffix "B" to the part number to specify a brass barb



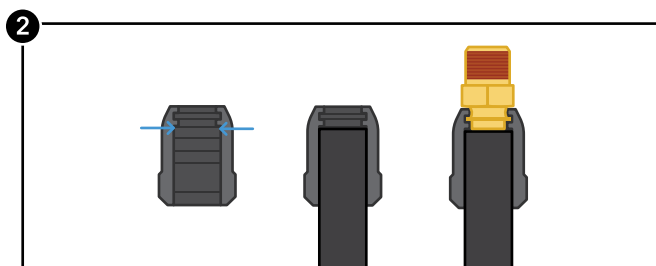


## 3/8" QUICK-FIX® INSTALLATION PROCEDURE



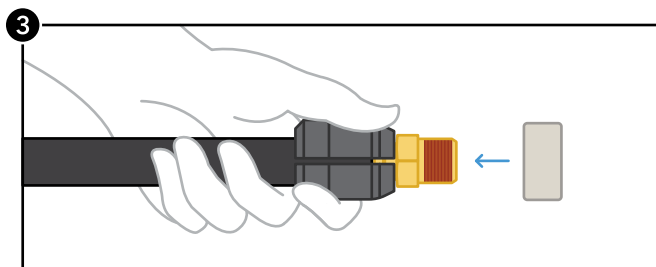
### STEP ONE

Disassemble the Quick Fix Kit.



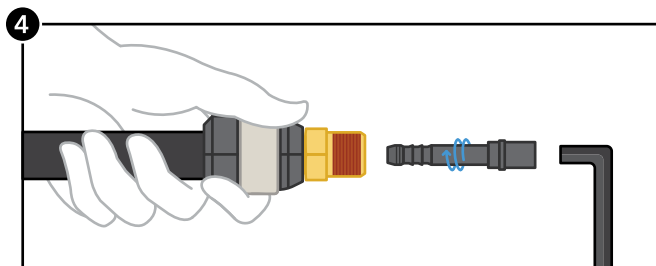
### STEP TWO

Place trimmed hose end flush against the groove inside one shell half (see arrows) then insert fitting into lock groove.



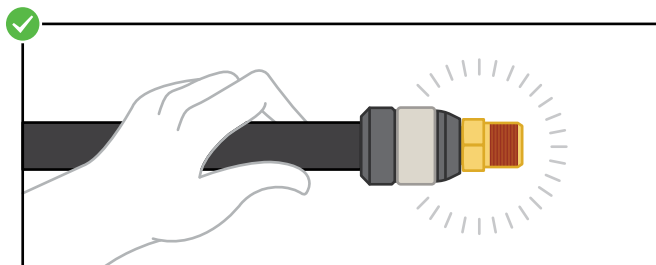
### STEP THREE

Place the other shell half over the hose and fitting. Holding shells in place, slide ring over, pushing and turning until in place.



### STEP FOUR

Insert barb into fitting, pushing and turning to start the threads. Using the supplied wrench (5/16" hex key), continue to push and turn barb.



### DONE!

Once the barb is flush inside the fitting, your hose end is complete and ready for installation.

NOTE: Check final assembly visually to insure that hose has not shifted position during assembly



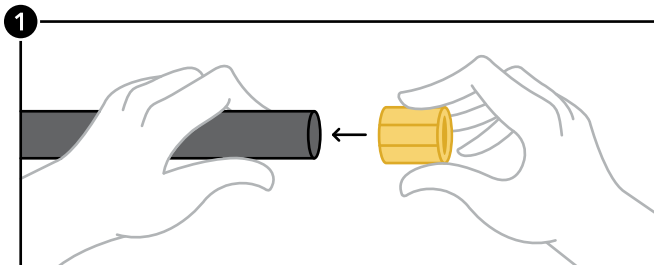
**1/2" HOSE QUICK-FIX® ASSEMBLIES**

- All brass construction of the sleeve and barb
- Permanent live swivel
- Available with 3/8" or 1/2" male fittings (for use with 1/2" rubber hose only)
- Pre-applied thread sealant
- Barbs are greased to make installation easier
- Packaged in tubes for easy shelf display
- One package will repair two damaged 1/2" rubber air brake lines
- Each packaged tube contains step-by-step instructions for installation
- Made in the USA by American workers on American machines
- DOT FMVSS571.106

P/N	QTY	PACKAGE	DESCRIPTION
431408	1 Pack	Tube	1/2" x 3/8" NPTF Hose Quick-Fix Kit
431408-100	100 Assemblies	Unpackaged	1/2" x 3/8" NPTF Hose Quick-Fix
431410	1 Pack	Tube	1/2" x 1/2" NPTF Hose Quick-Fix Kit
431410-100	100 Assemblies	Unpackaged	1/2" x 1/2" NPTF Hose Quick-Fix

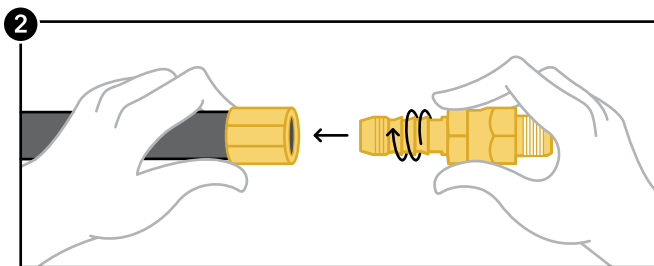


## 1/2" QUICK-FIX® INSTALLATION PROCEDURE



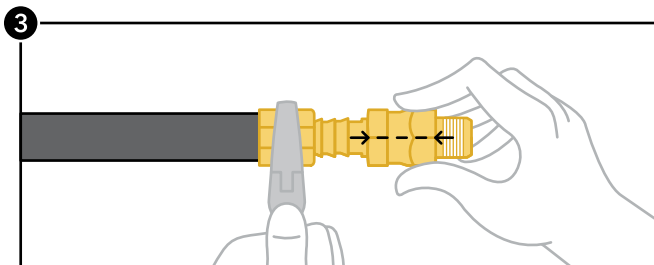
### STEP ONE

Trim the hose end square and push the sleeve onto the end until flush.



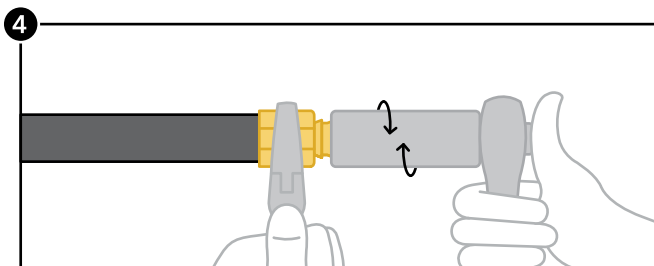
### STEP TWO

Place greased barb into sleeve, pushing and turning the barb to start the threads.



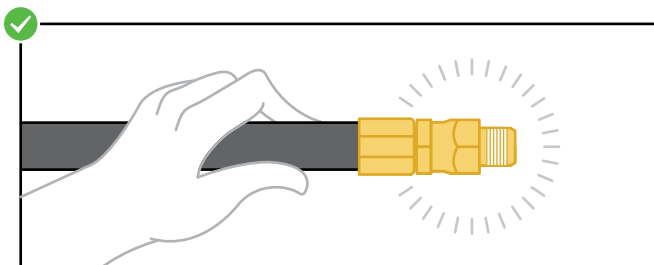
### STEP THREE

Holding sleeve in place (a wrench may be necessary), align barb and swivel hexes.



### STEP FOUR

Continue to hold sleeve and place a 7/8" deep well socket over swivel hex and onto barb hex. Screw the barb hex in using a socket wrench (or a crescent wrench).

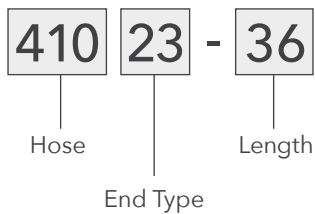


### DONE!

Once the barb hex is flush to the top of the sleeve, your hose end is complete and ready for installation.

# COMPRESSOR DISCHARGE HOSE

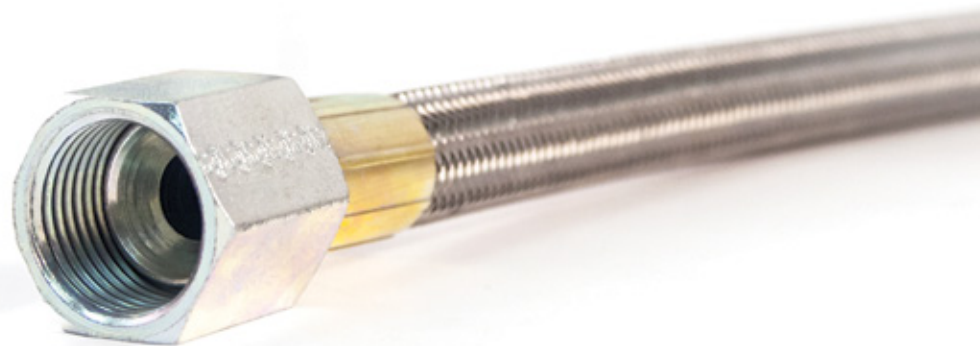
EXAMPLE PART NUMBER: 41023-36



COMPRESSOR HOSE	END TYPE	LENGTH
410 - Discharge Hose	2 - Fixed 3 - Swivel 4 - Tube	XX - Number of Inches

## FEATURES

- Hose meets all SAE J517 type 100R14 requirements
- Braided stainless steel cover
- Extruded Teflon inner tube
- Operating temperature range from -65°F to 400°F
- Custom lengths available upon request
- All hose ends are 5/8"
- Assembled in the U.S.A.





## [A] COMPRESSION AIR BRAKE BOTH ENDS

TS P/N	CMI P/N	DESCRIPTION	LENGTH
462318	41022-18	#10 Hose With 5/8" Compression Fittings	18 in.
462324	41022-24	#10 Hose With 5/8" Compression Fittings	24 in.
462336	41022-36	#10 Hose With 5/8" Compression Fittings	36 in.

## [B] STRAIGHT TUBE BOTH ENDS

TS P/N	CMI P/N	DESCRIPTION	LENGTH
462118	41044-18	#10 Hose With 5/8" Straight Tube Fittings	18 in.
462124	41044-24	#10 Hose With 5/8" Straight Tube Fittings	24 in.
462130	41044-30	#10 Hose With 5/8" Straight Tube Fittings	30 in.
462136	41044-36	#10 Hose With 5/8" Straight Tube Fittings	36 in.
462148	41044-48	#10 Hose With 5/8" Straight Tube Fittings	48 in.

## [C] COMPRESSION AIR BRAKE TO STRAIGHT TUBE

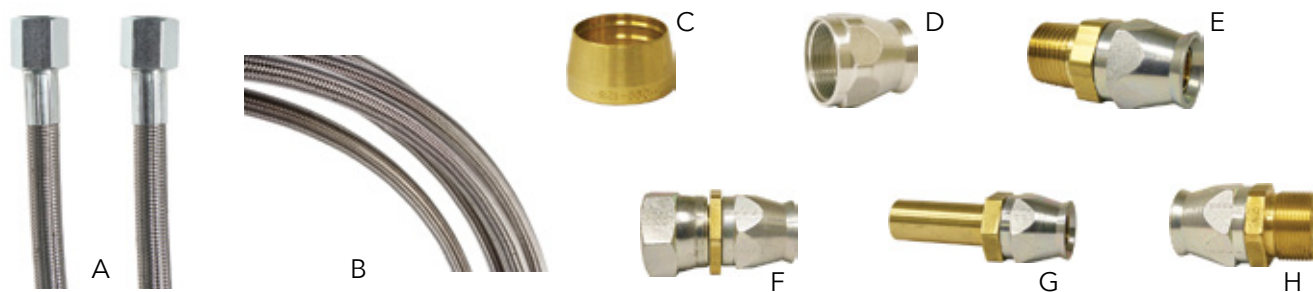
TS P/N	CMI P/N	DESCRIPTION	LENGTH
462018	41024-18	#10 Hose With 5/8" Compression & Straight Tube Fitting	18 in.
462024	41024-24	#10 Hose With 5/8" Compression & Straight Tube Fitting	24 in.
462030	41024-30	#10 Hose With 5/8" Compression & Straight Tube Fitting	30 in.
462036	41024-36	#10 Hose With 5/8" Compression & Straight Tube Fitting	36 in.
462048	41024-48	#10 Hose With 5/8" Compression & Straight Tube Fitting	48 in.
462060	41024-60	#10 Hose With 5/8" Compression & Straight Tube Fitting	60 in.

## [B] SWIVEL TO MALE PIPE

P/N	DESCRIPTION	LENGTH
41023-25	#10 Hose With 5/8" Tube Fitting, Swivel & 1/2" Male Pipe	25 in.
41023-30	#10 Hose With 5/8" Tube Fitting, Swivel & 1/2" Male Pipe	30 in.
41023-37	#10 Hose With 5/8" Tube Fitting, Swivel & 1/2" Male Pipe	37 in.
41023-42	#10 Hose With 5/8" Tube Fitting, Swivel & 1/2" Male Pipe	42 in.
41023-65	#10 Hose With 5/8" Tube Fitting, Swivel & 1/2" Male Pipe	65 in.

NOTE: Other sizes are available upon request.

# COMPRESSOR DISCHARGE HOSE



## [A] SWIVEL BOTH ENDS

TS P/N	CMI P/N	DESCRIPTION	LENGTH
462218	41033-18	#10 Hose With 5/8" Tube Fittings, Swivel	18 in.
462224	41033-24	#10 Hose With 5/8" Tube Fittings, Swivel	24 in.
462230	41033-30	#10 Hose With 5/8" Tube Fittings, Swivel	30 in.
462232	41033-32	#10 Hose With 5/8" Tube Fittings, Swivel	32 in.
462236	41033-36	#10 Hose With 5/8" Tube Fittings, Swivel	36 in.
462242	41033-42	#10 Hose With 5/8" Tube Fittings, Swivel	42 in.
462248	41033-48	#10 Hose With 5/8" Tube Fittings, Swivel	48 in.
462252	41033-52	#10 Hose With 5/8" Tube Fittings, Swivel	52 in.
462254	41033-54	#10 Hose With 5/8" Tube Fittings, Swivel	54 in.
462260	41033-60	#10 Hose With 5/8" Tube Fittings, Swivel	60 in.
462272	41033-72	#10 Hose With 5/8" Tube Fittings, Swivel	72 in.
462284	41033-84	#10 Hose With 5/8" Tube Fittings, Swivel	84 in.

## [B] AIR COMPRESSOR DISCHARGE HOSE - BULK

P/N	LENGTH	I.D.	O.D.
462000	25 ft.	1/2	5/8
462001	100 ft.	1/2	5/8
462002	25 ft.	5/8	3/4

## AIR COMPRESSOR DISCHARGE HOSE REUSABLE FITTINGS

P/N	DESCRIPTION	FIG.	PACK	HOSE O.D.	THREAD
S51-10B	Size 10 Brass Ferule	C	5	5/8	-
S51-12B	Size 12 Brass Ferule	C	5	3/4	-
S52-10	Size 10 Socket	D	5	5/8	-
S52-12	Size 12 Socket	D	5	3/4	-
S52-10C	Size 10 Stainless Steel Socket	D	5	5/8	-
S52-12C	Size 12 Stainless Steel Socket	D	5	3/4	-
S53-8-10	Male Pipe End Size 8 For Size 10 Hose	E	5	5/8	1/2-14
S54-10-10	Female JIC Swivel - Size 10 For Size 10 Hose	F	5	5/8	7/8-14 Fem.
S54-12-12	Female JIC Swivel - Size 12 For Size 12 Hose	F	5	3/4	1 1/16-14 Fem.
S56-10-10	Straight Tube - Size 10 For Size 10 Hose	G	5	5/8	-
S56-12-12	Straight Tube - Size 12 For Size 12 Hose	G	5	3/4	-
S57-8-10	SAE Compression - Size 8 For Size 10 Hose	H	5	-	-
S57-10-10	SAE Compression - Size 10 For Size 10 Hose	H	5	5/8	13/16-18
S57-12-12	SAE Compression - Size 12 For Size 12 Hose	H	5	3/4	1-18

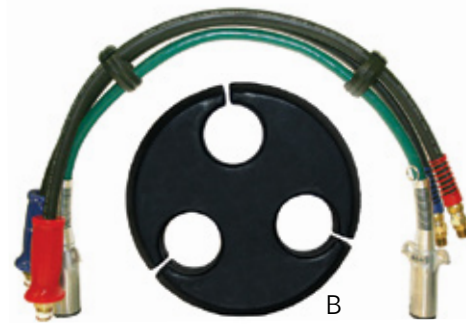


[A] MAXXCLAMP

## Hang Your Air & Electrical Lines in 3 Easy Steps Using the MAXXClamp!

- Self adjusting one piece clamp resulting in no loose parts which makes for easy installation
- Fast, efficient way to connect and disconnect hoses
- One assembly with two pieces that pivot for three different hose diameters with three different positions
- No tools required
- Three different clamping options to best hold your hoses
- For 3/8" and 1/2" hose
- Carabineer included
- Patent pending

P/N	DESCRIPTION
451169	MAXXClamp for 3/8" Hose
451178	MAXXClamp for 1/2" Hose



[B] PUCK HOSE SEPARATOR

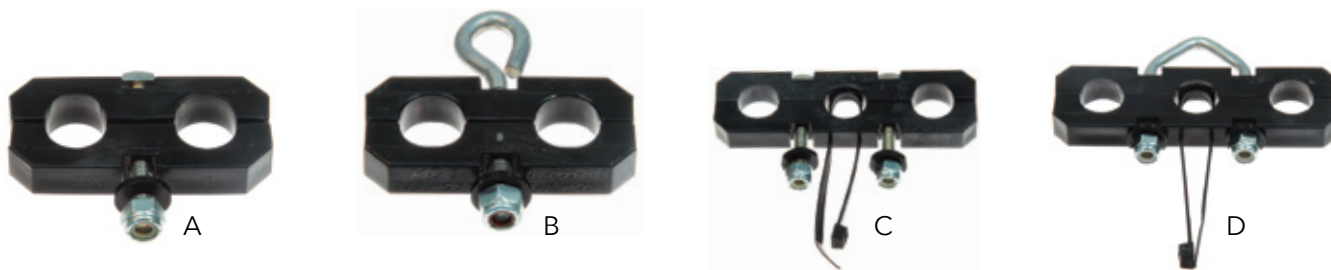
## Create Your Own 3-In-1 Wrap Using the Puck Hose Separator!

- Separates air and electrical lines and eliminates the chance of rubbing
- No tool required for installation
- Will not rust or corrode
- Gives the user the chance to create their own "wrap"
- Can be used from the cab to the trailer and also under the trailer
- Safer way of seeing if there are any hose defects by being able to see the lines
- The separator keeps the lines organized and less chance of kinking
- Only available for 3/8" hose
- Recommend one separator for every foot when creating your "wrap"

P/N	DESCRIPTION
451170	Puck Hose Separator for 3/8" Hose

NOTE: Comes in a standard pack of 5





## [A] 2-HOLE HOSE SEPARATOR CLAMP

Without Eye bolt

TS P/N	CMI P/N	DESCRIPTION
34270	HS66-I	3/8" Heavy Duty In-Line Hose Clamp, No Eye Bolt
34271	HS88-I	1/2" Heavy Duty In-Line Hose Clamp, No Eye Bolt

## [B] 2-HOLE HOSE SEPARATOR CLAMP

With Eye bolt

TS P/N	CMI P/N	DESCRIPTION
34268	HS66-E	3/8" Heavy Duty Hose Clamp, with Eye Bolt
34269	HS88-E	1/2" Heavy Duty Hose Clamp, with Eye Bolt
34160	HS64-E	3/8" & 1/4" Heavy Duty Hose Clamp, with Eye Bolt

## [C] 3-HOLE HOSE SEPARATOR CLAMP

With Standard Bolts

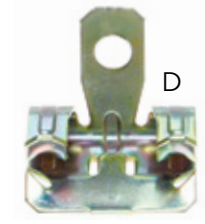
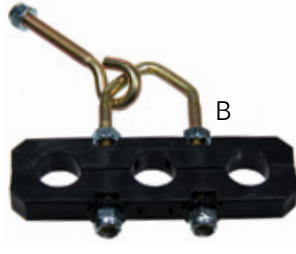
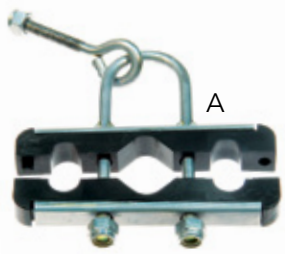
TS P/N	CMI P/N	DESCRIPTION
34246	HS666-I	3/8" Heavy Duty In-Line Clamp, No Tie
-	HS666-IT	3/8" Heavy Duty In-Line Clamp, With Tie

## [D] 3-HOLE HOSE SEPARATOR CLAMP

With V-Bolts

TS P/N	CMI P/N	DESCRIPTION
451009	HS666-V	3/8" Heavy Duty 3-Hole With V-Bolt, No Tie
-	HS666-VT	3/8" Heavy Duty 3-Hole With V-Bolt, With Tie





## [A] 3-HOLE HOSE SEPARATOR CLAMP

With U-bolt and Eye bolt

TS P/N	CMI P/N	DESCRIPTION
-	HS666-UE	3/8" Heavy Duty 3-Hole With U-Bolt and Eye Bolt
34220	HS444-UE	1/4" Heavy Duty 3-Hole With U-Bolt and Eye Bolt

## [B] 3-HOLE HOSE SEPARATOR CLAMP

With V-bolt and Eye bolt

TS P/N	CMI P/N	DESCRIPTION
34213	HS666-VE	3/8" Heavy Duty 3-Hole With V-Bolt and Eye Bolt

## [C] 4-HOLE HOSE SEPARATOR CLAMP

With U-bolt and Eye bolt

P/N	DESCRIPTION
HS6666-U	3/8" Heavy Duty 4-Hole With U-Bolt and Eye Bolt

## [D] RAIL CLIPS

Fits plate thickness of 1/8" up to 1/4". Steel construction with yellow dicromate plating. A reliable way to anchor springs and other hardware to frame rail.

TS P/N	CMI P/N	DESCRIPTION
451088	RC3800	Rail Clip

# HOSE SUPPORT HARDWARE



## [A] INDIVIDUAL SPRINGS

TS P/N	CMI P/N	DESCRIPTION	WIRE DIA.	LENGTH
-	6610609	9" x 1 1/16" O.D. Spring	.0800	9 in.
-	6603411	11" x 3/4" O.D. Spring	.0625	11 in.
451047	6610013	13" x 1" O.D. Spring	.0800	13 in.
451048	6610615	15" x 1 1/16" O.D. Spring	.0800	15 in.
451049	6610625	25" x 1 1/16" O.D. Spring	.0800	25 in.

## [B] SPRING ASSEMBLIES

TS P/N	CMI P/N	DESCRIPTION	SPRING	CLIP	HOSE CLAMP
451051	6610013K	13" Spring with Rail Clip & Clamp (2 Hole)	6610013	RC10013	HS66-E
451052	6610615K	15" Spring with Rail Clip & Clamp (2 Hole)	6610015	RC3800	HS66-E
451087	6610615-3K	15" Spring with Rail Clip & Clamp (3 Hole)	6610015	RC3800	HS666-V
-	6610615-64K	15" Spring w/ Rail Clip & Clamp (2 Hole 3/8 X 1/4)	6610015	RC3800	HS64-E

## [C] DOGBONE HOSE SEPARATOR CLAMPS

TS P/N	CMI P/N	DESCRIPTION
34020	663838	3/8" J1402 Hose Separator Clamp
34021	661212	1/2" J1402 Hose Separator Clamp
34150	663814	3/8" and 1/4" J1402 Hose Separator Clamp
-	4X663838	3/8" 4-Hole Hose Separator Clamp
-	4X661212	1/2" 4-Hole Hose Separator Clamp
-	4X663814	3/8" and 1/4" 4-Hole Separator Clamp



A - Sensor Wire



A - Power Wire

## [A] ABS SENSOR WIRE CLIPS

P/N	DESCRIPTION
ABS-SC-STD	1/4" ABS Sensor Wire Clip (fits standard wire)
ABS-SC125	3/8"-1/2" ABS Sensor Wire Clip (for wire approx. .125")
ABS-SC090	3/8"-1/2" ABS Sensor Wire Clip (for wire approx. .090")
ABS-PWC	3/8"-1/2" ABS Power Wire Clip (for wire Approx. .37" thru .44")



B



C

## [B] TRACKER BAR

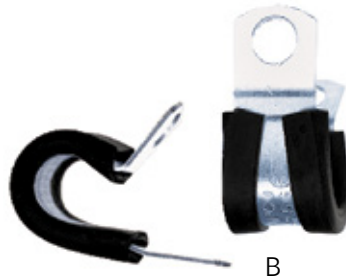
TS P/N	CMI P/N	DESCRIPTION
-	TB020	20" Tracker Bar
451707	TB037	37" Tracker Bar
451708	TB042	42" Tracker Bar

## [C] TRACKER BAR REPLACEMENT SPRING KIT

TS P/N	CMI P/N	DESCRIPTION	SPRING	CLIP	HOSE CLAMP
451711	HSC1A1613-444	13" Spring w/ Sleeve, Rail Clip & Clamp (3 holes 1/4)	6610013	Carabineer	HS444-UE



A



B



C

## [A] 1/4" NYLON HOSE CLAMPS

P/N	DESCRIPTION
492100	1/4" x 3/16"
492101	1/4" x 1/4"
492102	1/4" x 5/16"
492103	1/4" x 3/8"
492104	1/4" x 7/16"
492105	1/4" x 1/2"
492106	1/4" x 9/16"
492107	1/4" x 5/8"
492108	1/4" x 3/4"
492109	1/4" x 7/8"
492110	1/4" x 1"
492111	1/4" x 1 - 1/8"
492112	1/4" x 1 - 1/4"
492113	1/4" x 1 - 3/8"

## [B] 1/4" RUBBER HOSE CLAMPS

P/N	DESCRIPTION
492000	1/4" x 1/4"
492001	1/4" x 3/8"
492002	1/4" x 1/2"
492003	1/4" x 5/8"
492004	1/4" x 3/4"
492005	1/4" x 7/8"
492006	1/4" x 1"
492007	1/4" x 1 - 1/8"
492008	1/4" x 1 - 1/4"
492009	1/4" x 2 - 1/2"

## [C] SLOTTED METAL CLAMPS - VINYL COATED

Slotted bottom holes and round top hole

P/N	CLAMP	WIDTH	HOLE	SLOT	DESCRIPTION
VMC316	0.187"	5/8	0.344"	7/16	3/16" Vinyl Coated Clamp
VMC14	0.250"	1/2	0.281"	3/8	1/4" Vinyl Coated Clamp
VMC516	0.312"	1/2	0.281"	3/8	5/16" Vinyl Coated Clamp
VMC38	0.375"	1/2	0.281"	3/8	3/8" Vinyl Coated Clamp
VMC12	0.500"	1/2	0.281"	3/8	1/2" Vinyl Coated Clamp
VMC58	0.625"	1/2	0.281"	3/8	5/8" Vinyl Coated Clamp
VMC34	0.750"	1/2	0.281"	3/8	3/4" Vinyl Coated Clamp
VMC78	0.875"	1/2	0.281"	3/8	7/8" Vinyl Coated Clamp
VMC100	1.000"	1/2	0.281"	3/8	1" Vinyl Coated Clamp
VMC100W	1.000"	5/8	0.343"	7/16	1" Vinyl Coated Clamp
VMC1116	1.062"	1/2	0.281"	3/8	1 1/16" Vinyl Coated Clamp
VMC114	1.250"	1/2	0.281"	3/8	1 1/4" Vinyl Coated Clamp
VMC134	1.750"	1/2	0.291"	3/8	1 3/4" Vinyl Coated Clamp

**NOTE:** All clamps are subject to a minimum order quantity if not in stock. Contact Tramec Sloan's Sales or Customer Service department for availability.



## [A] STANDARD METAL CLAMPS - VINYL COATED

P/N	CLAMP	WIDTH	HOLES	DESCRIPTION
SVMC14	1/4	1/2	0.203"	1/4" Vinyl Coated Clamp
SVMC516	5/16	1/2	0.203"	5/16" Vinyl Coated Clamp
SVMC38	3/8	1/2	0.203"	3/8" Vinyl Coated Clamp
SVMC12	1/2	1/2	0.203"	1/2" Vinyl Coated Clamp
SVMC58	5/8	1/2	0.203"	5/8" Vinyl Coated Clamp
SVMC34	3/4	1/2	0.203"	3/4" Vinyl Coated Clamp

## [B] FULL CLAMPS - BLACK NYLON

P/N	CLAMP	WIDTH	HOLES	DESCRIPTION
SNC316	3/16	3/8	0.167"	3/16" Standard Nylon Clamp
SNC14W	1/4	3/8	0.203"	1/4" Standard Nylon Clamp
SNC516W	5/16	3/8	0.203"	5/16" Standard Nylon Clamp
SNC38W	3/8	3/8	0.203"	3/8" Standard Nylon Clamp
SNC12W	1/2	3/8	0.203"	1/2" Standard Nylon Clamp
HDNC14	1/4	1/2	0.167"	1/4" Heavy Duty Nylon Clamp
HDNC14W	1/4	1/2	0.203"	1/4" Heavy Duty Nylon Clamp
HDNC516	5/16	1/2	0.167"	5/16" Heavy Duty Nylon Clamp
HDNC516W	5/16	1/2	0.203"	5/16" Heavy Duty Nylon Clamp
HDNC38	3/8	1/2	0.167"	3/8" Heavy Duty Nylon Clamp
HDNC38W	3/8	1/2	0.203"	3/8" Heavy Duty Nylon Clamp
HDNC12	1/2	1/2	0.167"	1/2" Heavy Duty Nylon Clamp
HDNC12W	1/2	1/2	0.203"	1/2" Heavy Duty Nylon Clamp
HDNC58	5/8	1/2	0.167"	5/8" Heavy Duty Nylon Clamp
HDNC58W	5/8	1/2	0.203"	5/8" Heavy Duty Nylon Clamp
HDNC34	3/4	1/2	0.167"	3/4" Heavy Duty Nylon Clamp
HDNC34W	3/4	1/2	0.203"	3/4" Heavy Duty Nylon Clamp
HDNC78	7/8	1/2	0.167"	7/8" Heavy Duty Nylon Clamp
HDNC78W	7/8	1/2	0.203"	7/8" Heavy Duty Nylon Clamp
HDNC1W	1	1/2	0.203"	1" Heavy Duty Nylon Clamp
HDNC114W	1 1/4	1/2	0.203"	1 1/4" Heavy Duty Nylon Clamp
HDNC112W	1 1/2	1/2	0.203"	1 1/2" Heavy Duty Nylon Clamp

**NOTE:** All clamps are subject to a minimum order quantity if not in stock. Contact Tramec Sloan's Sales or Customer Service department for availability.



## NYLON CABLE TIES

- Cable ties are a reliable way of securing air and electrical lines
- We offer numerous lengths and tensile strengths in bag quantities
- Available in natural (white), or UV-resistant (black) for outdoor durability

TS P/N	CMI P/N	LENGTH	TENSILE	MATERIAL
422071	4-18N100	4 in	18 lbs	Natural
422077	4-18UV100	4 in	18 lbs	UV Black
-	6-18N100	6 in	18 lbs	Natural
-	6-18UV100	6 in	18 lbs	UV Black
-	8-18N100	8 in	18 lbs	Natural
-	8-18UV100	8 in	18 lbs	UV Black
422072	5-40N100	5 in	40 lbs	Natural
422078	5-40UV100	5 in	40 lbs	UV Black
-	8-40N100	8 in	40 lbs	Natural
-	8-40UV100	8 in	40 lbs	UV Black
-	7-50N100	7 in	50 lbs	Natural
-	7-50UV100	7 in	50 lbs	UV Black
422588	11-50N100	11 in	50 lbs	Natural
422589	11-50UV100	11 in	50 lbs	UV Black
-	14-50N100	14 in	50 lbs	Natural
-	14-50UV100	14 in	50 lbs	UV Black
-	8-120N100	8 in	120 lbs	Natural
-	8-120UV100	8 in	120 lbs	UV Black
422076	14-120N100	14 in	120 lbs	Natural
422081	14-120UV100	14 in	120 lbs	UV Black
-	24-175N50	24 in	175 lbs	Natural
-	24-175UV50	24 in	175 lbs	UV Black
-	33-175N50	33 in	175 lbs	Natural
-	33-175UV50	33 in	175 lbs	UV Black
-	36-175N50	36 in	175 lbs	Natural
-	36-175UV50	36 in	175 lbs	UV Black
-	48-175-N50	48 in	175 lbs	Natural
-	48-175-UV50	48 in	175 lbs	UV Black



## [A] GENERAL PURPOSE CLAMPS

P/N	SAE SIZE	CLAMPING RANGE (IN.)
491006	6	7/32 - 25/32
491008	8	1/2 - 29/32
491010	10	9/16 - 1 1/16
491012	12	1 1/16 - 1 1/4
491016	16	13/16 - 1 1/2
491020	20	13/16 - 1 3/4
491024	24	1 1/16 - 2
491028	28	1 5/16 - 2 1/4
491032	32	1 9/16 - 2 1/2
491036	36	1 13/16 - 2 3/4s
491040	40	2 1/16 - 3
491044	44	2 5/16 - 3 1/4
491048	48	2 9/16 - 3 1/2
491052	52	2 13/16 - 3 3/4
491056	56	3 1/16 - 4
491060	60	3 5/16 - 4 1/4
491064	64	3 9/16 - 4 1/2
491072	72	4 1/16 - 5
491080	80	4 9/16 - 5 1/2
491088	88	5 1/16 - 6
491096	96	5 9/16 - 6 1/2
491104	104	6 1/16 - 7

**NOTE:** All clamps manufactured with 300 series stainless steel. Slotted hex head screws included on miniature, general purpose, and liner clamps.

## HOSE CLAMP ASSORTMENT

P/N: 491700 - Includes the following:

P/N	SAE SIZE	QUANTITY
490404	4	30
490406	6	30
491010	10	20
491012	12	20
491020	20	20
491024	24	20
491028	28	20
491032	32	20
491036	36	20

**NOTE:** See Storage & Displays section for Hose Clamp Display Rack

## [B] MINIATURE CLAMPS

P/N	SAE SIZE	CLAMPING RANGE (IN.)
490404	4	7/32 - 5/8
490406	6	7/32 - 25/32

## [C] LINER CLAMPS

P/N	SAE SIZE	CLAMPING RANGE (IN.)
491206	6	7/32 - 25/32
491208	8	1/2 - 29/32
491210	10	9/16 - 1 1/16
491212	12	1 1/16 - 1 1/4
491216	16	13/16 - 1 1/2
491220	20	13/16 - 1 3/4
491224	24	1 1/16 - 2
491228	28	1 5/16 - 2 1/4
491232	32	1 9/16 - 2 1/2
491236	36	1 13/16 - 2 3/4s
491240	40	2 1/16 - 3
491244	44	2 5/16 - 3 1/4
491248	48	2 9/16 - 3 1/2

## [D] EURO SEAL CLAMPS

P/N	SAE SIZE	CLAMPING RANGE (IN.)
491708	8	1/2 - 29/32
491712	12	1 1/16 - 1 1/4
491716	16	13/16 - 1 1/2
491720	20	13/16 - 1 3/4
491724	24	1 1/16 - 2
491728	28	1 5/16 - 2 1/4
491736	36	1 13/16 - 2 3/4s
491740	40	2 1/16 - 3
491744	44	2 5/16 - 3 1/4
491748	48	2 9/16 - 3 1/2
491752	52	2 13/16 - 3 3/4
491760	60	3 5/16 - 4 1/4
491772	72	4 1/16 - 5
491780	80	4 9/16 - 5 1/2
4917104	104	6 1/16 - 7



## [A] STANDARD T-BOLT HOSE CLAMP

- Designed for use on engine air-intake
- Constructed to endure high engine and turbo temperatures

P/N	CLAMPING RANGE
491450	2 1/2 - 2 13/16
491451	2 3/4 - 3 1/16
491452	3 - 3 5/16
491453	3 1/4 - 3 9/16
491454	3 7/16 - 3 7/8
491455	3 3/4 - 4 1/16
491456	4 1/4 - 4 9/16
491457	4 3/4 - 5 1/16
491458	5 1/4 - 5 9/16
491459	5 3/4 - 6 1/16
491460	6 1/4 - 6 9/16
491461	4 1/4 - 7 9/16
491462	8 1/2 - 8 13/16

## [C] CONSTANT TORQUE HOSE CLAMP

- Designed to eliminate cold flow hose leaks
- Self-adjusting

P/N	CLAMPING RANGE
491310	9/16 - 1 1/16
491312	1 1/16 - 1 1/4
491316	13/16 - 1 1/2
491320	13/16 - 1 3/4
491324	1 1/16 - 2
491300	1 1/4 - 2 1/8
491325	1 3/4 - 2 5/8
491330	2 1/4 - 3 1/8
491335	2 3/4 - 3 5/8
491340	3 1/4 - 4 1/8
491345	3 3/4 - 4 5/8
491350	4 1/4 - 5 1/8
491355	4 3/4 - 5 5/8
491360	5 1/4 - 6 1/8

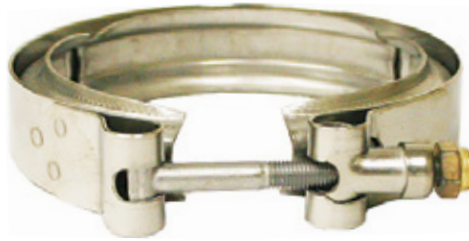
## [B] SPRING LOADED T-BOLT HOSE CLAMP

- For use on charged-air-cooling or air-to-air aftercooled applications

P/N	CLAMPING RANGE
491503	3 1/16" - 3 3/8"
491504	4 1/16" - 4 3/8"
491505*	3 1/16" - 3 3/8"
491506*	4 1/16" - 4 3/8"

\* Heavy Duty Style

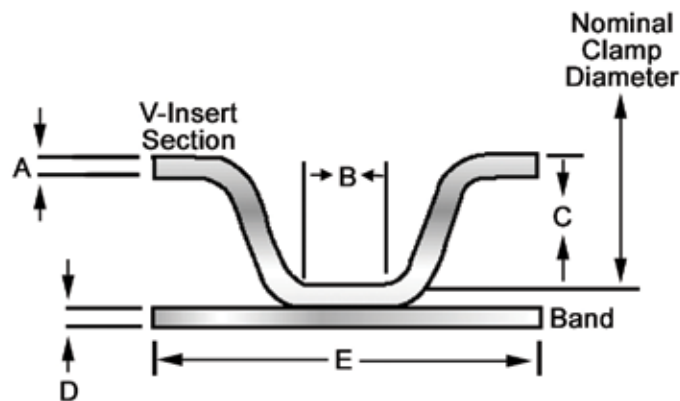




## TURBO V-BAND HOSE CLAMP

- Designed to connect exhaust pipe flange to turbo or engine manifold
- Constructed to endure high engine and turbo temperatures

P/N	NOMINAL	A	B	C	D	E	APPLICATIONS
491620	3.21"	.050	.262	.141	.035	.750	Cummins, Freightliner, Bluebird Bus, Ford, Oshkosh
491621	3.82"	.077	.207	.281	.040	.875	CAT, GMC, Ford, DDC, Navistar
491622	3.88"	.050	.400	.281	.040	.875	Volvo, Cummins, Ford
491623	4.50"	.077	.207	.281	.040	.875	GMC, DDC, Navistar
491624	4.61"	.050	.156	.218	.035	.750	Mack, Switzer
491625	4.75"	.077	.158	.310	.040	.875	CAT, Cummins, Freightliner, Volvo, GMC, Western Star
491626	5.25"	.050	.262	.141	.035	.750	Freightliner, Navistar, DDC
491627	5.88"	.050	.400	.281	.040	.875	Cummins, DDC, CAT
491628	5.88"	.050	.400	.281	.040	.875	Same as 491627 except it is a 1-piece economy version.



# COILED AIR ASSEMBLIES

## PRODUCT FEATURES

Tramec Sloan Coiled Air Assemblies are manufactured in the USA at our facility in Holland, Michigan, using the highest quality components available. We certify our assemblies to meet FMVSS 571.106 and 593.45 specifications and the individual components all meet the SAE J844, SAE J476 and SAE J246 specifications.

Don't take chances - buy certified Tramec Sloan Coiled Air and buy American made peace of mind.

- 150 P.S.I. working pressure
- Operating range of -40° to +200° F
- Heavy spring guards protect from kinking
- All male end threads are 1/2" pipe thread unless noted otherwise
- Order coil(s) with suffix "S" at end of part # to receive 3/8" NPTF swivels on all ends
- Swivel on Both ends available only in 3/8"





## COILED NYLON AIR BRAKE TUBING ASSEMBLIES

TS P/N	CMI P/N	LENGTH	PACKAGE	LEAD	FITTINGS
451064N	33008S	8 ft.	1 Red, 1 Blue	6 in.	3/8 Swivel
451064NR	33008SR	8 ft.	1 Red	6 in.	3/8 Swivel
451064NB	33008SB	8 ft.	1 Blue	6 in.	3/8 Swivel
451035N	33035	12 ft.	1 Red, 1 Blue	6 in.	1/2
451035NR	33035R	12 ft.	1 Red	6 in.	1/2
451035NB	33035B	12 ft.	1 Blue	6 in.	1/2
55101	33036	15 ft.	1 Red, 1 Blue	12 in.	1/2
451036NR	33036R	15 ft.	1 Red	12 in.	1/2
451036NB	33036B	15 ft.	1 Blue	12 in.	1/2
451039N	33039	15 ft.	1 Red, 1 Blue	12 & 40 in.	1/2
451039NR	33039R	15 ft.	1 Red	12 & 40 in.	1/2
451039NB	33039B	15 ft.	1 Blue	12 & 40 in.	1/2

## COILED NYLON AIR BRAKE TUBING ASSEMBLIES WITH DURA-GRIP

TS P/N	CMI P/N	LENGTH	PACKAGE	LEADS	FITTING
451089N	33036G	15 ft.	1 Red, 1 Blue	12 in. with Grip	1/2
451089NR	33036GR	15 ft.	1 Red	12 in. with Grip	1/2
451089NB	33036GB	15 ft.	1 Blue	12 in. with Grip	1/2
451090N	33039G	15 ft.	1 Red, 1 Blue	12 & 40 in. with Grip	1/2
451090NR	33039GR	15 ft.	1 Red	12 & 40 in. with Grip	1/2
451090NB	33039GB	15 ft.	1 Blue	12 & 40 in. with Grip	1/2

**NOTE:** Each coil has one grip and one 1/2" male fitting end.



## [A] DURA-GRIP PLASTIC GLADHAND GRIPS

- One Red and One Blue Grip
- Increases Leverage When Joining Gladhands
- Color Coded for Emergency and Service Lines
- Brass Cores for Rust-Free Durability!
- Handles can be Removed and Reused
- Mates with 1/2" Pipe Thread

P/N	DESCRIPTION
441751	Grip Set, Plastic Shell

## [B] ALUMINUM GLADHAND GRIPS

- One Red, One Blue Grip
- Hex Construction for Easy Installation
- Prepackaged for Retail Display
- One Piece Design
- Anodized Coating Helps Retard Corrosion
- Mates with 1/2" Pipe Thread

P/N	DESCRIPTION
441799	Grip Set, Anodized Aluminum

## [C] FIFTH WHEEL SLIDER COILS

P/N	LENGTH	FITTINGS
33029	54 in.	-
33030	54 in.	1/4 Male
33031	54 in.	1/4 Male w/ Springs
33028	72 in.	-
33032	72 in.	1/4 Male
33033	72 in.	1/4 Male w/ Springs

## [D] FIFTH WHEEL SLIDER COIL KITS

TS P/N	COIL LENGTH	KIT INCLUDES
33K180	54 in.	54" Coil, 1/4" Male Fittings, Springs, Cable-Tie, Bulkhead & Pipe Elbow
33K180-72	72 in.	72" Coil, 1/4" Male Fittings, Springs, Cable-Tie, Bulkhead & Pipe Elbow

# GLADHANDS & ACCESSORIES

## TRAMEC SLOAN GLADHANDS

Tramec Sloan is the industry leader in the manufacture and distribution of gladhands for over-the-road applications.

- Service & Emergency Configurations (Polarized) or Universal (Non-Polarized)
- Available with Polyurethane Color-Coded Seals
  - Polyurethane seals will not crack, tear, or dry out like rubber seals.
  - Polyurethane seals have a reverse taper which eliminates the possibility of the seal lip folding over.
  - Color-coded polyurethane seals are available, reducing chance of hookup error.
  - Polyurethane seals are pliable in all weather conditions.
- Made from Die Cast Aluminum with Stainless Steel Wear Plates, Die Cast Iron, or Composite Materials





## STANDARD GLADHANDS

- Constructed of die cast aluminum with stainless steel wear plates
- Service and Emergency configurations (polarized) or Universal (non-polarized)
- Available with polyurethane color coded seals

TS P/N	CMI P/N	TYPE	MATERIAL	CONNECTION	SEAL
441015	GH015	Service	Aluminum	1/2	Black Rubber
441016	GH016	Emergency	Aluminum	1/2	Black Rubber
441017	GH017	Universal	Aluminum	1/2	Black Rubber
441051	GH051	Service	Aluminum	1/2	Black Rubber w/ Filter
441050	GH050	Emergency	Aluminum	1/2	Black Rubber w/ Filter
441052	GH052	Universal	Aluminum	1/2	Black Rubber w/ Filter
441056	GH035	Service	Aluminum	1/2	Blue Polyurethane
441057	GH036	Emergency	Aluminum	1/2	Red Polyurethane
441060	GH037	Universal	Aluminum	1/2	Black Polyurethane

## CAST IRON GLADHANDS

- Constructed of die cast malleable iron.
- Comes standard with polyurethane seal.

TS P/N	CMI P/N	TYPE	MATERIAL	CONNECTION	SEAL
441131	GH1088	Service	Cast Iron	1/2	Blue Polyurethane
441132	GH1090	Emergency	Cast Iron	1/2	Red Polyurethane
441133	GH1092	Universal	Cast Iron	1/2	Black Polyurethane
441204	GH1089	Service	Cast Iron	1/2	Blue Polyurethane w/ Filter
441203	GH1091	Emergency	Cast Iron	1/2	Red Polyurethane w/ Filter
441092F	GH1093	Universal	Cast Iron	1/2	Black Polyurethane w/ Filter



## 37 1/2° BRACKET MOUNT GLADHAND

TS P/N	CMI P/N	TYPE	MATERIAL	CONNECTION	SEAL
441019	GH019	Emergency	Aluminum	3/8	Black Rubber
441018	GH020	Emergency	Aluminum	3/8	Black Rubber w/ Filter
441023	GH023	Service	Aluminum	3/8	Black Rubber
441022	GH024	Service	Aluminum	3/8	Black Rubber w/ Filter
441065	GH065	Emergency	Aluminum	3/8	Red Polyurethane
441066	GH066	Service	Aluminum	3/8	Blue Polyurethane

## SHUT-OFF GLADHAND

TS P/N	CMI P/N	TYPE	MATERIAL	CONNECTION	SEAL
-	GH1004	Service	Composite	3/8	Blue Polyurethane
-	GH1014	Emergency	Composite	3/8	Red Polyurethane
441072	GH1004-AL	Service	Aluminum	3/8	Blue Polyurethane
441071	GH1014-AL	Emergency	Aluminum	3/8	Red Polyurethane

## BULKHEAD SHUT-OFF GLADHAND

- Includes 1"-14 UNS Bulkhead Fitting With 3/8" Female Port
- Emergency gladhand has 1/4" port for pintle hook

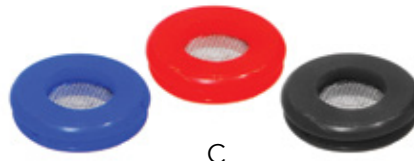
TS P/N	CMI P/N	TYPE	MATERIAL	PORT	SEAL
441164	GH075	Service	Aluminum	3/8	Black Rubber
441165	GH076	Emergency	Aluminum	3/8	Black Rubber
F36153	GH085	Service	Aluminum	3/8	Black Rubber w/ Filter
F36253	GH086	Emergency	Aluminum	3/8	Black Rubber w/ Filter



A



B



C



D

## [A] RUBBER SEAL

TS P/N	CMI P/N	DESCRIPTION
441749	GH001	Black Rubber Gladhand Seal

## [C] POLYURETHANE FILTER COMBO

P/N	DESCRIPTION
GH5500	Blue Poly Seal w/ Built-In Stainless Steel Filter
GH6600	Red Poly Seal w/ Built-In Stainless Steel Filter
GH7700	Black Poly Seal w/ Built-In Stainless Steel Filter

## [B] POLYURETHANE SEAL

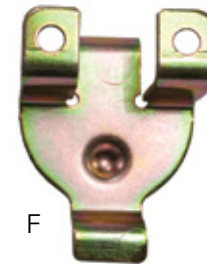
TS P/N	CMI P/N	DESCRIPTION
441738	GH2500	Blue Polyurethane Seal
441737	GH2600	Red Polyurethane Seal
441739	GH2700	Black Polyurethane Seal

## [D] WIDE POLYURETHANE SEAL

P/N	DESCRIPTION
GH2500A	Blue Poly Seal with Extra Wide Lip
GH2600A	Red Poly Seal with Extra Wide Lip
GH2700A	Black Poly Seal with Extra Wide Lip



E



F

## [E] GLADHAND FILTER

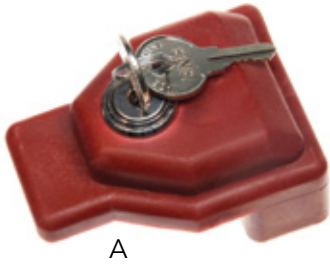
Screen filter made of stainless steel. Prevents entry of debris and insects into gladhand.

TS P/N	CMI P/N	DESCRIPTION
441138	GH099	Gladhand Filter

## [F] GLADHAND MOUNTING BRACKET

TS P/N	CMI P/N	DESCRIPTION
441731	GMB	Gladhand Mounting Bracket





A



B



C

## [A] KEYED GLADHAND LOCK

- Made In The U.S.A.
- Available With All Locks Keyed Alike
- Easy To Install And Remove
- Low Cost Theft Deterrent
- Prevents Premature Departure From Dock
- Selected Key Numbers Available
- Composite

P/N	DESCRIPTION
10177	Keyed Gladhand Lock

## [B] KEYED GLADHAND LOCK

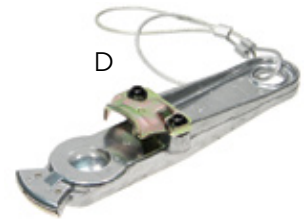
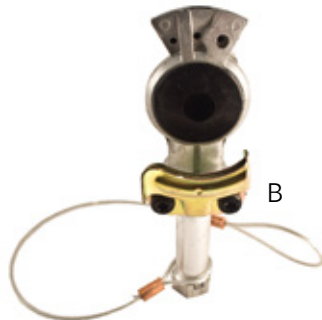
- Easy To Install And Remove.
- Composite
- Low Cost Theft Deterrent.
- Prevents Premature Departure From Dock.
- Available By The Case Or Individually.
- Only Offered With Random Lock Numbers.

P/N	DESCRIPTION
10177-ISTL	Keyed Gladhand Lock

## [C] KEYED GLADHAND LOCK

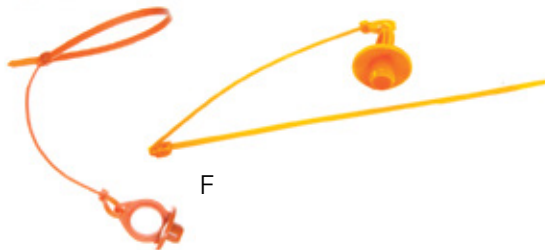
- Prevents unwanted trailer connections
- 2 lock combinations available with 2 keys
- Fits most makes of gladhands

P/N	KEY NO.
441752-01	01
441752-03	03



## DUMMY GLADHANDS

P/N	ALT P/N	FIGURE	DESCRIPTION
441167	-	A	Stamped, Non-vented
441168	-	A	Stamped, Vented
441047	-	B	Non-Vented w/ 26" cable
441822	-	C	Solid casting w/ 16" cable
36406	C9411	D	Zinc Plated Bracket



## [E] KING PIN LOCK

- Cast Iron Guards
- 5/8" Diameter Lock Bolt,
- Zinc Plated, Stainless Steel Lock Face
- Imported

TS P/N	CMI P/N	DESCRIPTION
59000	10277-I	King Pin Lock

## [G] POGO STICK

- Chrome Plated, 16 Gauge Tubing Construction
- Zinc Plated I Bolt

TS P/N	CMI P/N	DESCRIPTION
34200	10377	Pogo Stick

## [F] GLADHAND PACIFIER

TS P/N	CMI P/N	DESCRIPTION
441721	GH1194	Gladhand Pacifier

# WIRE & CABLE

## CIRCUIT IDENTIFICATION

ATS COLOR CODE	CIRCUIT
WHITE	Ground Return
BLACK	Clearance, Side Marker, Indent. Lamps
YELLOW	Left Turn Signal & Hazard Signal
RED	Stop Lamp & Anti-Lock Devices
GREEN	Right Turn Signal & Hazard Signal
BROWN	Tail & License Plate Lamps
BLUE	Auxiliary Circuit / ABS Power

## WIRE GAUGE SELECTION CHART

12-VOLT SYSTEM		TOTAL LENGTH OF CABLE IN CIRCUIT FROM BATTERY TO MOST DISTANT LAMP									
AMPS (APP.)	CANDLE POWER	2.5 FT GA.	5 FT GA.	10 FT GA.	20 FT GA.	30 FT GA.	40 FT GA.	50 FT GA.	60 FT GA.	80 FT GA.	100 FT GA.
1	6	20	20	20	20	20	20	20	20	20	18
1.5	10	20	20	20	20	20	20	20	20	18	18
2	16	20	20	20	20	20	20	18	18	18	18
3	24	20	20	20	20	20	18	18	16	16	14
4	30	20	20	20	20	18	16	16	16	14	12
5	40	20	20	20	18	18	16	14	14	12	12
6	50	20	20	20	18	16	16	14	14	12	12
7	60	20	20	20	18	16	14	14	12	12	10
8	70	20	20	20	16	16	14	12	12	10	10
10	80	20	20	18	16	14	12	12	12	10	10
11	90	20	20	18	16	14	12	12	10	10	8
12	100	20	20	18	16	14	12	12	10	10	8
15	120	20	20	18	14	12	12	10	10	8	8
18	140	20	20	16	14	12	10	10	8	8	8
20	160	20	18	16	12	12	10	10	8	8	8
22	180	20	18	16	12	10	10	8	8	8	6
24	200	20	18	16	12	10	10	8	8	6	6
36	-	20	16	14	10	8	8	8	6	6	4
50	-	18	16	12	10	8	6	6	4	4	2
100	-	14	12	10	6	4	4	2	2	1	0
150	-	14	10	8	4	2	2	1	0	00	000
200	-	12	8	6	4	2	1	0	00	000	0000



## BATTERY CABLE

- Constructed with soft annealed, flexible stranded copper
- Insulated with high quality thermoplastic
- Meets SAE J1127 type SGT

P/N	AWG SIZE	STRANDING	NOM OD (IN.)	JACKET COLOR	LENGTH
422241	6	49	.308	RED	25 ft.
422242	6	49	.308	RED	100 ft.
422243	6	49	.308	BLACK	25 ft.
422244	6	49	.308	BLACK	100 ft.
422245	4	133	.350	RED	25 ft.
422246	4	133	.350	RED	100 ft.
422247	4	133	.350	BLACK	25 ft.
422248	4	133	.350	BLACK	100 ft.
422249	2	133	.455	RED	25 ft.
422250	2	133	.455	RED	100 ft.
422251	2	133	.455	BLACK	25 ft.
422252	2	133	.455	BLACK	100 ft.
422253	1	133	.490	RED	25 ft.
422254	1	133	.490	RED	100 ft.
422255	1	133	.490	BLACK	25 ft.
422256	1	133	.490	BLACK	100 ft.
422257	1/0	133	.535	RED	25 ft.
422258	1/0	133	.535	RED	100 ft.
422259	1/0	133	.535	BLACK	25 ft.
422260	1/0	133	.535	BLACK	100 ft.
422261	2/0	133	.585	RED	25 ft.
422262	2/0	133	.585	RED	100 ft.
422263	2/0	133	.585	RED	250 ft.
422264	2/0	133	.585	BLACK	25 ft.
422265	2/0	133	.585	BLACK	100 ft.
422266	2/0	133	.585	BLACK	250 ft.
422267	3/0	259	.675	BLACK	25 ft.
422268	3/0	259	.675	BLACK	100 ft.
422269	4/0	259	.740	BLACK	25 ft.
422270	4/0	259	.740	BLACK	100 ft.

- GPT-type primary wire is the most widely used general purpose wire used by O.E.M.'s and re-wiring accessory installers.
- Constructed with soft annealed, flexible stranded copper.
- Insulated with high quality PVC thermoplastic.
- Meets SAE J1128 Type GPT.



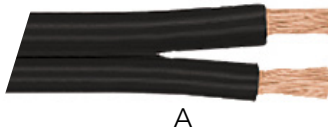
## PRIMARY TYPE GPT HOOK-UP WIRE

P/N	AWG SIZE	STRANDING	NOM. O.D. (IN.)	COLOR	LENGTH
422273	18	16	.095	BLACK	100 ft.
422274	18	16	.095	BLUE	100 ft.
422275	18	16	.095	BROWN	100 ft.
422276	18	16	.095	GREEN	100 ft.
422277	18	16	.095	RED	100 ft.
422278	18	16	.095	WHITE	100 ft.
422279	18	16	.095	YELLOW	100 ft.
422280	16	19	.106	BLACK	100 ft.
422280-1000	16	19	.106	BLACK	1000 ft.
422281	16	19	.106	BLUE	100 ft.
422281-1000	16	19	.106	BLUE	1000 ft.
422282	16	19	.106	BROWN	100 ft.
422282-1000	16	19	.106	BROWN	1000 ft.
422283	16	19	.106	GREEN	100 ft.
422283-1000	16	19	.106	GREEN	1000 ft.
422284	16	19	.106	RED	100 ft.
422284-1000	16	19	.106	RED	1000 ft.
422285	16	19	.106	WHITE	100 ft.
422285-1000	16	19	.106	WHITE	1000 ft.
422286	16	19	.106	YELLOW	100 ft.
422286-1000	16	19	.106	YELLOW	1000 ft.
422287	14	19	.118	BLACK	100 ft.
422287-1000	14	19	.118	BLACK	1000 ft.
422288	14	19	.118	BLUE	100 ft.
422288-1000	14	19	.118	BLUE	1000 ft.
422289	14	19	.118	BROWN	100 ft.
422289-1000	14	19	.118	BROWN	1000 ft.
422290	14	19	.118	GREEN	100 ft.
422290-1000	14	19	.118	GREEN	1000 ft.
422291	14	19	.118	RED	100 ft.



## PRIMARY TYPE GPT HOOK-UP WIRE – CONT.

P/N	AWG SIZE	STRANDING	NOM OD (IN.)	JACKET COLOR	LENGTH
422291-1000	14	19	.118	RED	1000 ft.
422292	14	19	.118	WHITE	100 ft.
422292-1000	14	19	.118	WHITE	1000 ft.
422293	14	19	.118	YELLOW	100 ft.
422293-1000	14	19	.118	YELLOW	1000 ft.
422294	12	19	.143	BLACK	100 ft.
422294-1000	12	19	.143	BLACK	1000 ft.
422295	12	19	.143	BLUE	100 ft.
422295-1000	12	19	.143	BLUE	1000 ft.
422296	12	19	.143	BROWN	100 ft.
422296-1000	12	19	.143	BROWN	1000 ft.
422297	12	19	.143	GREEN	100 ft.
422297-1000	12	19	.143	GREEN	1000 ft.
422298	12	19	.143	RED	100 ft.
422298-1000	12	19	.143	RED	1000 ft.
422299	12	19	.143	WHITE	100 ft.
422299-1000	12	19	.143	WHITE	1000 ft.
422300	12	19	.143	YELLOW	100 ft.
422300-1000	12	19	.143	YELLOW	1000 ft.
422301	10	19	.174	BLACK	100 ft.
422302	10	19	.174	BLUE	100 ft.
422303	10	19	.174	BROWN	100 ft.
422304	10	19	.174	GREEN	100 ft.
422305	10	19	.174	RED	100 ft.
422306	10	19	.174	WHITE	100 ft.
422307	10	19	.174	YELLOW	100 ft.
422308	8	37	.205	BLACK	100 ft.
422309	8	37	.205	RED	100 ft.
422492	8	37	.205	BLUE	100 ft.
422493	8	37	.205	WHITE	100 ft.



A



B



C

## [A] CHARGING CABLE

P/N	LENGTH	COND. GAUGE	COLOR	O.D.
422503	100 ft.	2 / 4 Ga.	BLUE	.035

## [B] WELDING CABLE

P/N	LENGTH	GAUGE	COLOR	O.D.
422499	25 ft.	1/0	BLACK	.580
422500	25 ft.	2/0	BLACK	.615
422501	25 ft.	4	BLACK	.380

## [C] EXTENSION CABLE

P/N	LENGTH	GAUGE	COLORS	O.D.
422502	250 ft.	3 / 16 Ga.	BLACK WHITE GREEN	.325



- Jacket is temperature rated at -70°F to +185°F
- Resistant to gasoline, water solvents, abrasion, cutting, ozone, and sunlight
- Exceeds SAE standards

## TRAILER CABLE - BLACK JACKET

P/N	AWG SIZE	# OF CONDUCT.	STRANDING	O.D.	COLORS							LENGTH
422215	14	4	41	.440	-	-	BR	GR	-	W	Y	50 ft.
422216	14	4	41	.440	-	-	BR	GR	-	W	Y	100 ft.
422217	14	4	41	.440	-	-	BR	GR	-	W	Y	250 ft.
422218	14	4	41	.440	-	-	BR	GR	-	W	Y	500 ft.
422219	14	4	41	.440	-	-	BR	GR	-	W	Y	1000 ft.
422220	14	6	41	.525	BK	BL	BR	-	R	W	Y	50 ft.
422221	14	6	41	.525	BK	BL	BR	-	R	W	Y	100 ft.
422222	14	6	41	.525	BK	BL	BR	-	R	W	Y	250 ft.
422223	14	6	41	.525	BK	BL	BR	-	R	W	Y	500 ft.
422224	14	6	41	.525	BK	BL	BR	-	R	W	Y	1000 ft.
422471	14	7	41	.600	BK	BL	BR	-	R	W	Y	100 ft.
422225	6 @ 14	6	41	.525	BK	BL	BR	GR	R	-	Y	50 ft.
	1 @ 12	1	65		-	-	-	-	-	W	-	
422226	6 @ 14	6	41	.525	BK	BL	BR	GR	R	-	Y	100 ft.
	1 @ 12	1	65		-	-	-	-	-	W	-	
422227	6 @ 14	6	41	.525	BK	BL	BR	GR	R	-	Y	250 ft.
	1 @ 12	1	65		-	-	-	-	-	W	-	
422228	6 @ 14	6	41	.525	BK	BL	BR	GR	R	-	Y	500 ft.
	1 @ 12	1	65		-	-	-	-	-	W	-	
422229	6 @ 14	6	41	.525	BK	BL	BR	GR	R	-	Y	1000 ft.
	1 @ 12	1	65		-	-	-	-	-	W	-	
422230	6 @ 14	6	65	.610	BK	BL	BR	GR	R	-	Y	50 ft.
	1 @ 12	1	104		-	-	-	-	-	W	-	
422231	6 @ 14	6	65	.610	BK	BL	BR	GR	R	-	Y	100 ft.
	1 @ 12	1	104		-	-	-	-	-	W	-	
422232	6 @ 14	6	65	.610	BK	BL	BR	GR	R	-	Y	250 ft.
	1 @ 12	1	104		-	-	-	-	-	W	-	
422233	6 @ 14	6	65	.610	BK	BL	BR	GR	R	-	Y	500 ft.
	1 @ 12	1	104		-	-	-	-	-	W	-	
422234	6 @ 14	6	65	.610	BK	BL	BR	GR	R	-	Y	1000 ft.
	1 @ 12	1	104		-	-	-	-	-	W	-	
422477	2 @ 14	2	-	-	BK	-	-	-	-	W	-	250 ft.
422479	3 @ 14	3	-	-	BK	-	-	-	R	W	-	100 ft.
422481	7 @ 14	7	-	-	BK	BL	BR	GR	R	W	Y	50 ft.
422482	7 @ 14	7	-	-	BK	BL	BR	GR	R	W	Y	250 ft.
422483	7 @ 14	7	-	-	BK	BL	BR	GR	R	W	Y	500 ft.
422484	7 @ 14t	7	-	-	BK	BL	BR	GR	R	W	Y	1000 ft.



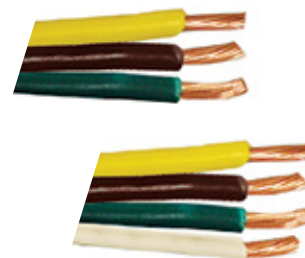


## TRAILER CABLE - FLAT GREY JACKET

P/N	AWG SIZE	# OF CONDUCT.	STRANDING	O.D.	COLORS				LENGTH
422485	2 @ 10	2	-	-	BK		W		100 ft.
422486	2 @ 12	2	-	-	BK		W		100 ft.
422478	2 @ 14	2	-	-	BK		W		1000 ft.
422487	2 @ 16	2	-	-	BK		W		100 ft.
422488	2 @ 14	3	-	-	Y	BR	GR		100 ft.
422489	2 @ 16	3	-	-	Y	BR	GR		100 ft.
422480	2 @ 14	3	-	-	BK	W	R		500 ft.
422490	2 @ 14	4	-	-	Y	BR	GR	W	100 ft.
422491	2 @ 16	4	-	-	Y	BR	GR	W	100 ft.

## TRAILER CABLE - YELLOW ISO

P/N	AWG SIZE	# OF CONDUCT.	STRANDING	O.D.	COLORS				LENGTH
422472 (ISO)	4 @ 12	4	168	.700	BK	BR	GR	Y	50 ft.
	2 @ 10	2	104		R		BL		
	1 @ 8	1	65				W		
422473 (ISO)	4 @ 12	4	168	.700	BK	BR	GR	Y	100 ft.
	2 @ 10	2	104		R		BL		
	1 @ 8	1	65				W		
422474 (ISO)	4 @ 12	4	168	.700	BK	BR	GR	Y	250 ft.
	2 @ 10	2	104		R		BL		
	1 @ 8	1	65				W		
422475 (ISO)	4 @ 12	4	168	.700	BK	BR	GR	Y	500 ft.
	2 @ 10	2	104		R		BL		
	1 @ 8	1	65				W		



## TRAILER CABLE - GREEN JACKET (ABS)

P/N	AWG SIZE	# OF CONDUCT.	STRANDING	O.D.	COLORS				LENGTH
					BK	BR	GR	Y	
422310	4 @ 12	4	65	.700	BK	BR	GR	Y	50 ft.
	2 @ 10	2	104		R	BL			
	1 @ 8	1	168		W				
422311	4 @ 12	4	65	.700	BK	BR	GR	Y	100 ft.
	2 @ 10	2	104		R	BL			
	1 @ 8	1	168		W				
422312	4 @ 12	4	65	.700	BK	BR	GR	Y	250 ft.
	2 @ 10	2	104		R	BL			
	1 @ 8	1	168		W				
422313	4 @ 12	4	65	.700	BK	BR	GR	Y	500 ft.
	2 @ 10	2	104		R	BL			
	1 @ 8	1	168		W				
422314	4 @ 12	4	65	.700	BK	BR	GR	Y	250 ft.
	2 @ 10	2	104		R	BL			
	1 @ 8	1	168		W				

## FRAME CLIPS

P/N	DESCRIPTION
492200	3/16
492201	1/4
492202	3/8

## PARALLEL WIRE

P/N	LENGTH	CONDUCT. GAUGE	COLORS			
422494	100 ft.	3 / 14 Ga.	Y	BR	GR	
422495	100 ft.	3 / 16 Ga.	Y	BR	GR	
422496	100 ft.	4 / 12 Ga.	Y	BR	GR	W
422497	100 ft.	4 / 14 Ga.	Y	BR	GR	W
422498	100 ft.	4 / 16 Ga.	Y	BR	GR	W



## [A] JACKETED PARALLEL PRIMARY WIRE - TYPE GPT

- Thermoplastic insulated wires are jacketed with a tough grey PVC jacket
- Parallel construction is common for use with trailers and vehicles where space is limited
- Meets J1128 type GPT

P/N	AWG SIZE	# OF CONDUCT.	STRANDING	NOM CABLE O.D.	COLORS		LENGTH
422240	14	2	19	.163 x .286	BR	W	250 ft.

## [B] 300 VOLT PORTABLE POWER CABLE - TYPE SJE00-WA

- Greater mechanical strength, lighter weight, more resistant to low temperatures, heat, aging, abrasion, chemicals, oil, ozone and water
- Temperature rating is from -70°C to +105°C
- Meets UL, CSA and OSHA standards

P/N	AWG SIZE	# OF CONDUCT.	BARE CU STRANDING	COND. AMPACITY	NOM O.D.	LENGTH
422271	14	2	41 x 30	18	.339	250 ft.
422272	14	3	41 x 30	15	.360	250 ft.

**NOTE:** Ampacity ratings are based on copper conductor temp. at 90°C and ambient temp. at 40°C

## [C] POLYETHYLENE SPLIT LOOM

- Split seam feature allows for easy wire insertion and service
- Excellent for high-heat, high-abrasion, flexible applications.
- UV stabilized
- Will not support combustion

P/N	I.D.	LENGTH	COLOR
422415	1/4	100 ft.	BLACK
422416	3/8	100 ft.	BLACK
422417	1/2	100 ft.	BLACK
422418	5/8	100 ft.	BLACK
422419	3/4	100 ft.	BLACK
422420	1	100 ft.	BLACK
422636	1-1/4	50 ft.	BLACK
422637	1-1/2	50 ft.	BLACK
422638	2	50 ft.	BLACK

# ELECTRICAL CONNECTORS



Crimp 'n Seal  
(Non-Locking)



Crimp 'n Seal  
(Locking)



Nylon  
(Non-Locking)



Nylon  
(Locking)



Vinyl  
(Non-Locking)



Vinyl  
(Locking)

## FORKS

WIRE RANGE	STUD SIZE	CRIMP 'N SEAL (NON-LOCKING)	CRIMP 'N SEAL (LOCKING)	NYLON (NON-LOCKING)	NYLON (LOCKING)	VINYL (NON-LOCKING)	VINYL (LOCKING)
1	6	422363	-	-	422440	422577	422050
1.5	8	422364	422371	-	422441	-	422049
2	10	422365	422372	422542	422442	-	422048•
3	6	422366	-	-	422443	422565	422053•
4	8	422367	422373	-	422444	-	422052•
5	10	422368	422374	422548	422445	422564	422051•
6	8	422369	422375	-	422446	-	422055
7	10	422370	422376	422556	422447	-	422054•
8	1/4	-	422377	-	-	-	-

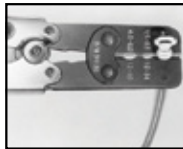
**NOTE:** Locking Crimp 'n Seal forks are not UL or CSA listed.  
• Item is available packaged. Order with suffix "-P".

## CRIMP 'N SEAL® WATERPROOF HEAT SHRINK CONNECTORS

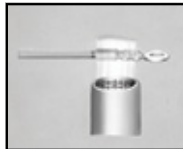
- Crimp 'N Seal® waterproof connectors provide an environmental seal.
- Tough polymer jacket shrinks while simultaneously activating the adhesive in the tubing to completely encapsulate the connection.
- Easy Installation Steps:



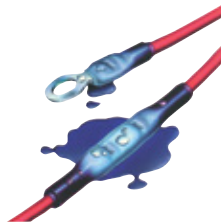
1. STRIP



2. CRIMP



3. HEAT



## CONTROLLED-CYCLE CRIMPING TOOL

- Compound Action
- Color-Coded Die Nest

P/N	WIRE RANGE	HANDLE COLOR
422200	22-10	Blue





Crimp 'n Seal



Nylon



Vinyl



Brazed



Heat Shrink



Solder & Seal

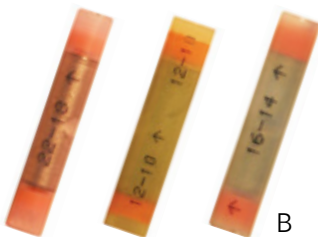
## RINGS

WIRE RANGE	STUD SIZE	CRIMP 'N SEAL	NYLON	VINYL	BRAZED	HEAT SHRINK	SOLDER & SEAL
22 - 18	6	-	422421	422031•	-	422535	-
22 - 18	8	422018•	422422	422030•	-	-	-
22 - 18	10	422019•	422423	422029•	-	-	-
22 - 18	5/16	-	422576	-	-	-	-
22 - 18	1/4	-	422424	422028•	-	422536	-
16 - 14	6	422020•	422425	422037•	-	-	-
16 - 14	8	422000•	422426	422036•	-	-	422544
16 - 14	10	422001•	422427	422035•	-	-	422545
16 - 14	1/4	422002•	422428	422034•	-	-	422546
16 - 14	5/16	422003•	422429	422033•	-	-	-
16 - 14	3/8	422004•	422430	422032•	-	-	422547
12 - 10	6	-	422581	-	-	-	-
12 - 10	8	422005•	422431	422043	-	-	-
12 - 10	10	422006•	422432	422042•	-	-	422552
12 - 10	1/4	422007	422433	422041•	-	-	422553
12 - 10	5/16	422008•	422434	422040•	-	-	-
12 - 10	3/8	422009•*	422435	422039•	-	-	422554
12 - 10	1/2	422010•	422436	422038•	-	-	422555
8	10	-	-	422575	422537	-	-
8	1/4	-	422437	422025•	-	422538	-
8	3/8	-	422438	422026•	-	422539	-
8	1/2	-	422439	422027•	-	422540	-
6	1/4	-	-	422571	-	-	-
6	5/16	-	-	422572	-	-	-
6	1/2	-	-	422573	-	-	-
4	1/4	-	-	-	422517	-	-
4	3/8	-	-	-	422518	-	-
4	1/2	-	-	-	422519	-	-
2	3/8	-	-	-	422520	-	-
2	1/2	-	-	-	422521	-	-
1/0	3/8	-	-	-	422522	-	-
1/0	1/2	-	-	-	422523	-	-
2/0	3/8	-	-	-	422513	-	-
2/0	1/2	-	-	-	422514	-	-
3/0	3/8	-	-	-	422515	-	-
3/0	1/2	-	-	-	422516	-	-

\* Not CSA listed

• Item is available packaged. Order with suffix "-P".

# ELECTRICAL CONNECTORS



## [A] BUTT SPLICES

WIRE RANGE	CRIMP 'N SEAL (BRAZED)	NYLON	VINYL	CRIMP, HEAT, & SHRINK	CRIMP, SHRINK, & SOLDER	SOLDER & SEAL
22 - 18	422015•	422448	422047•	-	422559	422543
16 - 14	422016•	422449	422046•	-	422560	422549
12 - 10	422017•	422450	422045•	-	-	422557
8	-	422451	422044•	422541	-	-
6	-	422574	-	-	-	-

• Item is available packaged. Order with suffix "-P".

## [B] COOL-SEAL CONNECTORS

- A heatless, solderless connection
- Simply strip, insert, and crimp!
- Strip the wire and crimp, activating the sealant, to create an environmentally sealed connection. Requiring no heat, the Cool Seal will reduce overall costs by eliminating the need for torches or heat guns reducing the installation time, and improving productivity.
- Come in standard pack of 100

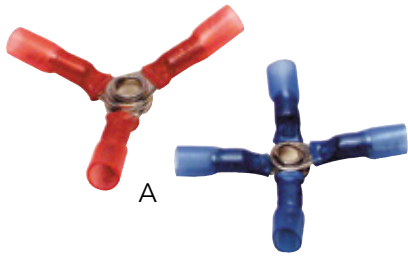
P/N	DESCRIPTION
422720	Cool-Seal 22-18 Ga. Butt Splice
422721	Cool-Seal 16-14 Ga. Butt Splice
422722	Cool-Seal 12-10 Ga. Butt Splice

## [C] BULLET/SNAP PLUG

WIRE RANGE	STYLE	STUD SIZE	CRIMP 'N SEAL	NYLON	VINYL
22 - 18	Male	.157	-	422464	422578
22 - 18	Female	.157	-	422465	-
22 - 18	Union	.157	-	-	422580
22 - 18	Female	.180	-	-	422579
16 - 14	Male	.157	422023•	422466	422062•
16 - 14	Female	.157	422024•	422467	422063•
16 - 14	Female	.176	-	422562	422568
16 - 14	Male	.176	-	422563	422567
12 - 10	Male	.157	-	-	422583

**NOTE:** Crimp 'n Seal plugs are not UL or CSA listed.

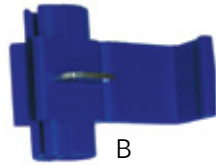
• Item is available packaged. Order with suffix "-P".



[A] 3 & 4-WAY SPLICES

WIRE RANGE	STYLE	CRIMP 'N SEAL	VINYL
22 - 18	3-Way	422378	-
22 - 18	4-Way	422379	-
16 - 14	3-Way	422380	422584
16 - 14	4-Way	422381	422586
12 - 10	3-Way	422382	422585
12 - 10	4-Way	422383	422587

NOTE: Crimp 'n Seal splices are not UL or CSA listed.



[B] QUICK LOCK CONNECTORS - VINYL

P/N	WIRE RANGE	STUD SIZE
422064•	Tap	18 - 14

• Item is available packaged. Order with suffix "-P".



[C] QUICK DISCONNECTS

WIRE RANGE		CRIMP 'N SEAL (INSULATED)	CRIMP 'N SEAL (STANDARD)	NYLON (INSULATED)	NYLON (STANDARD)	VINYL (INSULATED)	VINYL (STANDARD)
22 - 18	Male	422011•	422387	-	422458	-	422056
22 - 18	Female	422012•	422388	-	422459	-	422057
16 - 14	Male	422013•	422389	422454•	422460	-	422058•
16 - 14	Female	422014•	422390	422455•	422461	-	422059•
12 - 10	Male	422021•	422391	-	422462	422069	422060•
12 - 10	Female	422022•	422392	-	422463	422070	422061•

NOTE: Crimp 'n Seal quick disconnects are not UL or CSA listed.

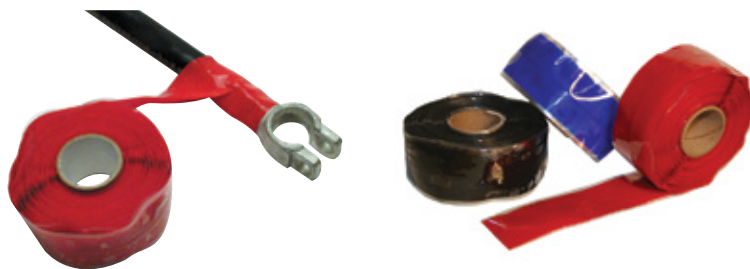
• Item is available packaged. Order with suffix "-P".

[D] WIRE END CAPS

P/N	GAUGE SIZE
422569	12
422570	14

[E] SOLDER & SEAL QUICK CONNECT

P/N	GAUGE	STYLE
422550	16 - 14	Male
422551	16 - 14	Female



## SILICONE SELF-FUSING TAPE

Silicone Self-Fusing Tape is an advanced line of electrical connectivity products. It is ideal for almost any application requiring a water proof seal and can even be applied underwater. Typical usages include marine connections, battery terminals, automotive hose systems, color coding, garden hoses, outside plant cable splices and grip enhancements.

- Revolutionary Alternative to Heat Shrink Tubing
- Forms a Permanent Moisture Tight Seal
- No Adhesive Residue Upon Removal
- Self Fusing and Begins Curing Immediately
- Can Be Applied Underwater
- Ideal for High Temperature Applications

P/N	DESCRIPTION
421808	Silicone Self-Fusing Tape, Red, 1" x 20'
421809	Silicone Self-Fusing Tape, Black, 1" x 20'
421810	Silicone Self-Fusing Tape, Blue, 1" x 20'

## NYLON CABLE TIES

P/N	LENGTH	TENSILE	MATERIAL
422071•	4 in	18 lbs	Natural
422072	5 in	30 lbs	Natural
422073•	8 in	50 lbs	Natural
422074	7 in	50 lbs	Natural-Mountable
422075•	14 in	50 lbs	Natural
422076•	14 in	120 lbs	Natural
422077•	4 in	18 lbs	UV Black
422078•	5 in	30 lbs	UV Black
422079•	8 in	50 lbs	UV Black
422080•	14 in	50 lbs	UV Black
422081•	14 in	120 lbs	UV Black
422588	11 in	50 lbs	Natural
422589	11 in	50 lbs	UV Black
422590	10-1/2 in	-	Natural-Releasable
422591	10-1/2 in	-	Black-Releasable

• Item is available packaged. Order with suffix "-P".







## [A] HEAVY-WALL HEAT SHRINK TUBING

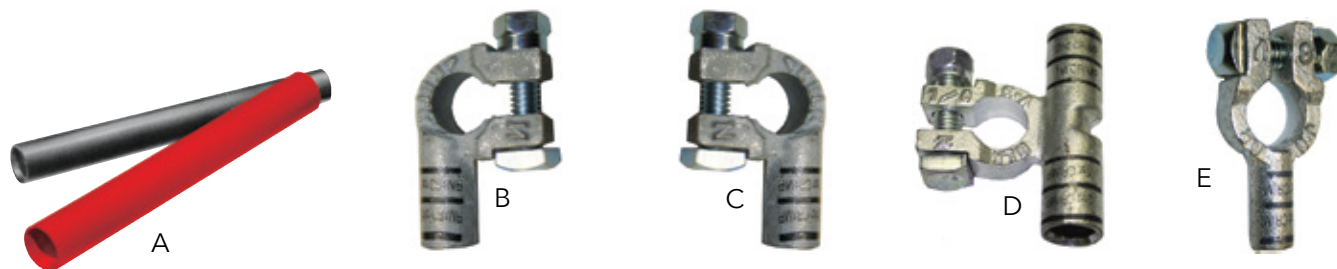
- This FR grade tubing meets MIL Spec. 23053/15 rigid requirements for flame retardancy. This level of performance is now a requirement in many areas of the transportation industry.
- The tubing has a 3 to 1 shrink ratio. Application of heat causes an adhesive liner to melt as the tubing shrinks, forming intimate contact with all underlying surfaces and voids. This yields a watertight seal suitable for above and underground applications.
- The FR tubing is recommended for insulating splices and terminations. It is UL listed under the 486 D standard and meets CSA certification requirements.

P/N	LENGTH	I.D.	COLOR	WIRE RANGE	MAX WALL THICKNESS
422166	1.5 in	.750	BLACK	8-1	.105
422167	1.5 in	.750	RED	8-1	.105
422168	1.5 in	1.10	BLACK	2-4/0	.120
422169	1.5 in	1.10	RED	2-4/0	.120
422170	6 in	.300	BLACK	18-14	.060
422171	6 in	.400	BLACK	14-6	.060
422172	6 in	.750	BLACK	8-1	.105
422173	6 in	.750	RED	8-1	.105
422174	6 in	1.10	BLACK	2-4/0	.120
422175	6 in	1.10	RED	2-4/0	.120
422595	48 in	1.10	BLACK	2-4/0	.080
422596	48 in	1.10	CLEAR	2-4/0	.080
422597	48 in	1.10	RED	2-4/0	.080

## [B] THIN-WALL HEAT SHRINK TUBING

- Thin wall heat shrink tubing is opaque tubing with a 2 to 1 shrink ratio. It can be used as electrical insulation over cable splices and terminations, and for wire harness covering, bundling and wire marker identification. It may also be easily assembled over components, connectors or other irregular shapes.
- Thin wall tubing products meet or exceed the requirements of MIL-1-23053D/5, Class I, II, and III, AMS 3636C and AMS 3637B, are UL recognized, and CSA certified.

P/N	LENGTH	I.D.	COLOR	WIRE RANGE	MAX WALL THICKNESS
422159	6 in	1/8	RED	22-18	.020
422160	6 in	1/4	BLUE	16-14	.025
422161	6 in	5/16	YELLOW	12-10	.025
422592	6 in	.187	RED	22-18	.047
422593	6 in	.250	BLUE	16-14	.047
422594	6 in	.312	YELLOW	12-10	.050



## [A] DUAL-WALL HEAT SHRINK TUBING

- Polyolefin tubing can be used for sealing splices and terminals. In addition to weather proofing your connection, it also provides strain relief and vibration resistance.
- Dual wall is an economical alternative to heavy wall tubing in light duty applications.

P/N	LENGTH	I.D.	COLOR	WIRE RANGE	MAX WALL THICKNESS
422598	6 in	.187	BLACK	20-14	.040
422162	6 in	3/8	BLACK	12-6	.050
422163	6 in	1/2	BLACK	8-4	.055
422164	6 in	1	BLACK	2-4/0	.100
422165	6 in	1	RED	2-4/0	.100

## [B] RIGHT ELBOW POST TOP

P/N	CABLE	POLARITY	TOOL DIE CODE
422089	1/0	Neg	Black E-A
422088	1/0	Pos	Black E-A
422091	2/0	Neg	Orange A-C
422090	2/0	Pos	Orange A-C
422093	3/0	Neg	Purple A-B
422092	3/0	Pos	Purple A-B
422506	4/0	Neg	Yellow A-A
422507	4/0	Pos	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

## [D] FLAG POST TOP

P/N	CABLE	POLARITY	TOOL DIE CODE
422105	1/0	Neg	Black E-A
422106	1/0	Pos	Black E-A
422107•	2/0	Neg	Orange A-C
422108•	2/0	Pos	Orange A-C
422109•	3/0	Neg	Purple A-B
422110•	3/0	Pos	Purple A-B
422111	4/0	Neg	Yellow A-A
422112	4/0	Pos	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

- Item is available packaged. Order with suffix "-P".

## [C] LEFT ELBOW POST TOP

P/N	CABLE	POLARITY	TOOL DIE CODE
422083	1/0	Neg	Black E-A
422082	1/0	Pos	Black E-A
422085	2/0	Neg	Orange A-C
422084	2/0	Pos	Orange A-C
422087	3/0	Neg	Purple A-B
422086	3/0	Pos	Purple A-B
422508	4/0	Neg	Yellow A-A
422509	4/0	Pos	Yellow A-A

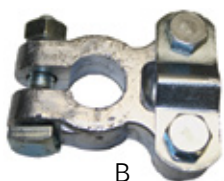
**NOTE:** Items are tin plated and color coded for ease of installation.

## [E] STRAIGHT POST TOP

P/N	POST STYLE	GAUGE
422504	Universal	6
422505	Universal	1-2



A



B



C



D

## [A] POST TOP BATTERY TERMINALS

- Copper construction provides a low resistance connection
- Cable size, polarity, and tool die codes are raised characters for increased legibility
- Tin plated with color coding
- For maximum durability, use with heavy-wall heat shrink tubing in 1-1/2 inch pieces

P/N	CABLE	POLARITY	TOOL DIE CODE
422094•	4	Universal	Green J-H
422096	1-2	Neg	Pink H-H
422095	1-2	Pos	Pink H-H
422098•	1/0	Neg	Black E-A
422097•	1/0	Pos	Black E-A
422100•	2/0	Neg	Orange A-C
422099•	2/0	Pos	Orange A-C
422102	3/0	Neg	Purple A-B
422101	3/0	Pos	Purple A-B
422104	4/0	Neg	Yellow A-A
422103	4/0	Pos	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

- Item is available packaged. Order with suffix "-P".

## [B] EMERGENCY LEAD PLATED STUD TOP

Yellow Brass

P/N	DESCRIPTION	CABLE	POLARITY
422142•	Heavy Duty	6-3/0	Universal
422128	Automotive*	6-2/0	Universal

\* Cast lead /no plating

- Item is available packaged. Order with suffix "-P".

## [C] SOLDER POST TOP BATTERY TERMINALS

Yellow Brass, Lead Plated for Superior Corrosion Resistance

P/N	CABLE SIZE	POLARITY
422131	3-4	Universal
422133	1/0	Negative
422134	1/0	Positive
422135	2/0 - 3/0	Negative
422136	2/0 - 3/0	Positive
422143	Marine Terminal	Positive
422144	Marine Terminal	Negative

## [D] FLAGS LEAD PLATED STUD TOP

Split Barrels

P/N	CABLE SIZE	POLARITY
422137	1-2	Universal
422138	1/0	Negative
422139	1/0	Positive
422140	2/0 - 3/0	Negative
422141	2/0 - 3/0	Positive



## POWER TERMINALS

- Stamped from 99.9% ETP copper.
- Anti-rotational indents allow stacking and grips battery securely.

### [A] STUD TOP

P/N	CABLE	POLARITY	TOOL DIE CODE
422113	4	Universal	Grey J-H
422114	1-2	Universal	Pink H-H
422115	1/0	Universal	Black E-A
422116	2/0	Universal	Orange A-C
422120	3/0	Universal	Purple A-B
422117	4/0	Universal	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

### [B] POWER SPLICES (FLAG) STUD TOP

P/N	CABLE	POLARITY	TOOL DIE CODE
422118	1/0	Universal	Black E-A
422119	2/0	Universal	Orange A-C
422121	3/0	Universal	Purple A-B
422122	4/0	Universal	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

### [C] STRAIGHTS STUD TOP

Cast Terminals

P/N	CABLE	POLARITY	TOOL DIE CODE
422393	4	Universal	Green J-H
422394	1-2	Universal	Pink H-H
422395	1/0	Universal	Black E-A
422396	2/0	Universal	Orange A-C
422397	3/0	Universal	Purple A-B
422398	4/0	Universal	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

### [D] SPLICES (FLAG) STUD TOP

Cast Terminals

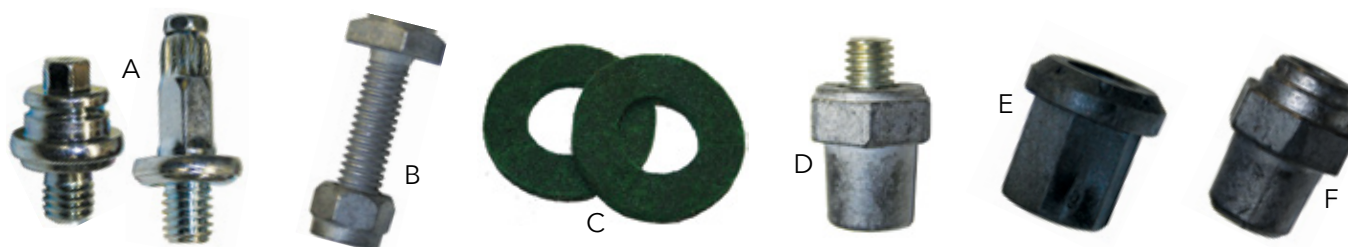
P/N	CABLE	POLARITY	TOOL DIE CODE
422399	1/0	Universal	Black E-A
422400	2/0	Universal	Orange A-C
422401	3/0	Universal	Purple A-B
422402	4/0	Universal	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

### [E] BATTERY TERMINALS SIDE MOUNT

P/N	CABLE	POLARITY	TOOL DIE CODE
422403	4	Universal	Grey K-K
422404	2	Universal	Brown J-H
422405	1	Universal	Green J-H
422406	1/0	Universal	Pink H-H

**NOTE:** Items are tin plated and color coded for ease of installation.



## [A] SIDE MOUNT BOLT

P/N	DESCRIPTION
422130	Bolt, OEM, Steel, Zinc-Plated
422123	Long Bolt with Screw, Steel, Zinc-Plated

## [D] SIDE TERMINAL CHARGING POST

P/N	POLARITY
422524	Negative
422525	Positive

## [B] NUT AND BOLT

P/N	DESCRIPTION	SIZE	PLATED
422407	Steel Bolt & Shoulder Nut	5/16-18 x 1 1/4"	Lead
422408	Steel Bolt & Shoulder Nut	5/16-18 x 1 1/4"	Zinc
422409	Steel Bolt & Shoulder Nut	5/16-18 x 1 1/2"	Lead
422410	Steel Bolt & Shoulder Nut	5/16-18 x 1 1/2"	Zinc

## [C] ANTI-CORROSION RINGS

- Felt material helps protect both battery and battery terminal from corrosion
- Use with post top, stud top, and side mount batteries
- Comes in a package of 100 pieces and pre-applied with grease
- Color coded for polarity

P/N	BATTERY TYPE	COLOR - POLARITY
422411	Post Top / Stud Top	Green - Negative
422412	Post Top / Stud Top	Red - Positive
422413	Side Mount	Green - Negative
422414	Side Mount	Red - Positive

## [E] STUD NUTS GROUP 31 BATTERIES

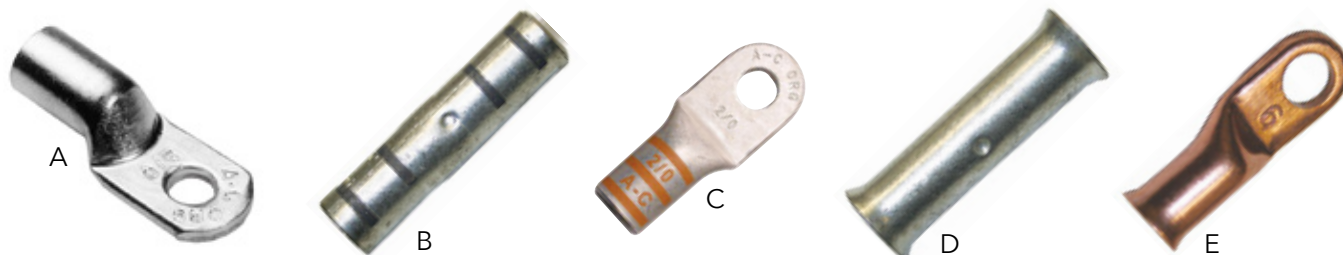
P/N	DESCRIPTION	POLARITY
422124	Black Amodel	Negative
422125	Red Amodel	Positive
422126•	Stainless Steel	Universal

- Item is available packaged. Order with suffix "-P".

## [F] STUD TO POST CONVERTER Solid Lead

P/N	DESCRIPTION	POLARITY
422129•	Converter	Universal

- Item is available packaged. Order with suffix "-P".



## POWER LUGS AND SPLICES

- Increased wall thickness yields greater strength and conductivity
- Tin plating offers corrosion resistance
- Crimps with the same die setting as corresponding size battery terminal

### [A] HEAVY DUTY POWER LUG

P/N	CABLE	STUD SIZE	TOOL DIE CODE
422345	4	1/4	Green J-H
422346	4	5/16	Green J-H
422347	1-2	1/4	Pink H-H
422348	1-2	3/8	Pink H-H
422349	1/0	3/8	Black E-A
422350	1/0	1/2	Black E-A
422351	2/0	3/8	Orange A-C
422352	2/0	1/2	Orange A-C
422353	3/0	3/8	Purple A-B
422354	3/0	1/2	Purple A-B
422355	4/0	3/8	Yellow A-A
422356	4/0	1/2	Yellow A-A

**NOTE:** Items are tin plated and color coded for ease of installation.

### [C] HEAVY DUTY POWER SPLICES

P/N	CABLE SIZE	TOOL DIE CODE
422357	4	Green J-H
422358	1-2	Pink H-H
422359	1/0	Black E-A
422360	2/0	Orange A-C
422361	3/0	Purple A-B
422362	4/0	Yellow A-A

### [B] HEAVY DUTY STARTER LUG

P/N	STUD SIZE	GAUGE
422510	3/8	4
422511	1/2	4
422512	1/2	1-2

### [D] TIN PLATED POWER SPLICES

P/N	CABLE SIZE	TOOL DIE CODE
422145	6	Blue M-K
422146	4	Grey K-K
422147	2	Brown J-H
422148	1	Green J-H
422149	1/0	Pink H-H
422150	2/0	Black E-A
422151	3/0	Orange A-C
422152	4/0	Purple A-B

### [A] LIGHT DUTY STARTER LUG

P/N	CABLE	STUD SIZE	TOOL DIE CODE
422176	6	1/4	Blue M-K
422177	6	5/16	Blue M-K
422178	4	1/4	Grey K-K
422179	4	5/16	Grey K-K
422180	2	5/16	Brown J-H
422181	2	3/8	Brown J-H
422182	1	5/16	Green J-H
422183•	1	3/8	Green J-H
422184	1/0	3/8	Pink H-H
422185	1/0	1/2	Pink H-H
422186•	2/0	3/8	Black E-A
422187•	2/0	1/2	Black E-A
422188•	3/0	3/8	Orange A-C
422189	3/0	1/2	Orange A-C
422190•	4/0	3/8	Purple A-B
422191•	4/0	1/2	Purple A-B

• Item is available packaged. Order with suffix "P".



## [A] SOLDER SLUGS

P/N	GAUGE	COLOR
422527	6	Grey
422528	4	Grey
422529	2	Green
422530	2	Pink
422531	1/0	Black
422532	2/0	Orange
422533	3/0	Purple
422534	4/0	Yellow



## [B] SOLDER FLUX

P/N	DESCRIPTION
422526	Solder Flux

## [C] DUST COVERS

P/N	WIRE RANGE	STUD SIZE
422196	50	Black
422197	175	Black
422198	350	Black

## [D] SAFE-MATE™ INDUSTRIAL BATTERY CONNECTORS

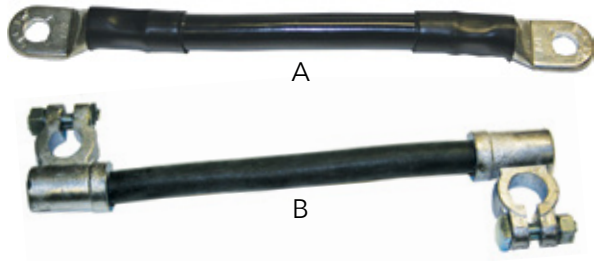
- High impact polycarbonate housing prevents breakage
- Silver plated copper contacts deliver maximum current and long life
- Contact marking provides step by step guide to installation
- Universal Connector (use as male or female end)

P/N	AMP RATING	HOUSING COLOR	CABLE SIZE	I.D. CONTACT
422192	50	Grey	6	.221
422193	50	Grey	12-10	.136
422194	175	Grey	1/0	.437
422195	350	Grey	2/0	.484

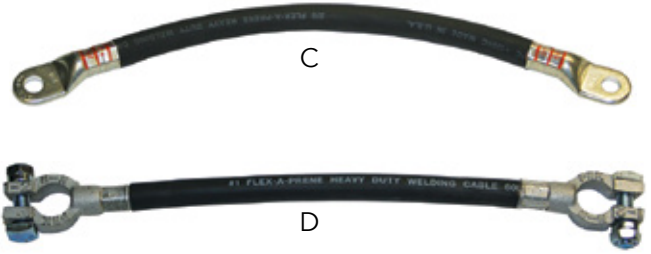


## [E] GROUND STRAPS

P/N	LENGTH	GAUGE
422639	12"	4
422640	18"	4



A



C

[A] CROSS-OVER CABLE STUD TOP

P/N	LENGTH	CABLE SIZE	POLARITY
422153	8"	1/0	Negative
422154	8"	1/0	Positive
422155	16"	1/0	Negative
422156	16"	1/0	Positive

[C] TOP STUD TO TOP STUD

P/N	LENGTH	GAUGE
422629	12"	2/0
422630	15"	2/0
422631	18"	2/0
422633	8"	2/0

[B] CROSS-OVER CABLE POST TOP

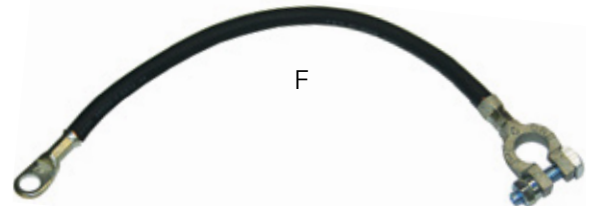
P/N	LENGTH	CABLE SIZE	POLARITY
422157	8"	2/0	Universal
422158	12"	2/0	Universal

[D] TOP POST TO TOP POST

P/N	LENGTH	GAUGE
422619	9"	1
422620	12"	1
422627	10"	2/0



E



F

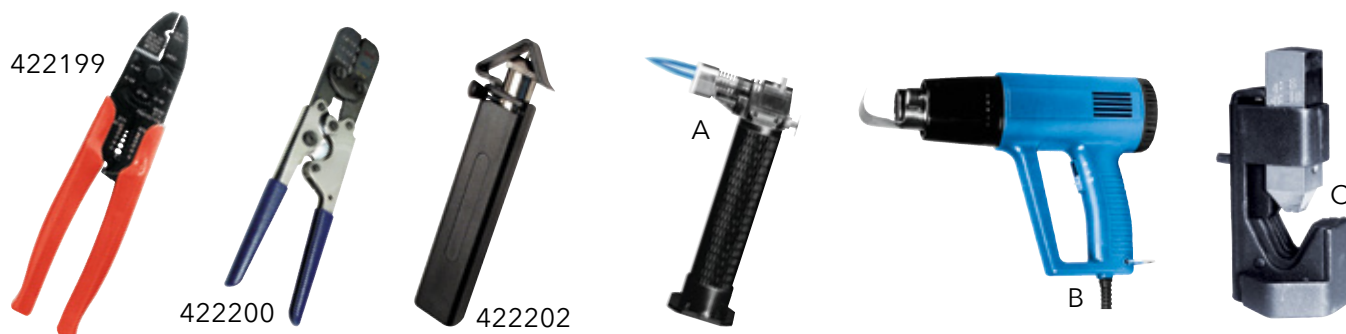
[E] SWITCH TO STARTER

P/N	LENGTH	GAUGE
422604	12"	4
422605	15"	4
422606	24"	4
422607	36"	4
422608	40"	4
422621	10"	1
422623	15"	1
422624	18"	1
422625	24"	1
422628	12"	2/0
422632	8"	2/0

[F] TOP POST TO SOLENOID

P/N	LENGTH	GAUGE
422599	12"	4
422600	15"	4
422601	19"	4
422602	24"	4
422603	30"	4
422609	12"	1
422610	16"	1
422611	19"	1
422612	22"	1
422613	25"	1
422614	30"	1
422615	37"	1
422616	48"	1
422617	65"	1
422618	9"	1





## HAND TOOLS

P/N	DESCRIPTION	LENGTH	WEIGHT
422199	Crimper, Cutter, Stripper	9-3/8"	8.9 oz
422200	Compound Action-Controlled Cycle Tool, Elliptical Shaped, Nests for Crimping Insulated Terminals, Blue Handles, Wire Range 22-10	9-1/8"	12.4 oz
422201	18 to 10 AWG Stripper Cuts Up to 6 AWG	6-3/4"	5.3 oz
422202	Rotary Cable Stripper 8 AWG-400 MCM	5-3/8"	4.9 oz

### [A] BUTANE POWER TORCH

- Self-igniting torch uses refillable butane fuel
- Stands alone for hand free operation
- Tank capacity provides approximately 70 minutes of usage

P/N	DESCRIPTION	LENGTH	WEIGHT
422206	Butane Power Torch	6"	14 oz

### [B] ELECTRIC HEAT GUN

- 2 temperature settings of 750°F and 1100°F
- No cool down time required
- Fold down stand for hands free operation

P/N	DESCRIPTION	LENGTH	WEIGHT
422205	Electric Heat Gun, 115 Volts AC	9-3/4"	1.9 lbs

### [C] COMPACT CRIMPING TOOL

P/N	DESCRIPTION	LENGTH	WEIGHT
422208	Hammer Type Crimping Tool	3-3/4"	1.5 lbs



## [A] CABLE TIE ACCESSORIES

P/N	DESCRIPTION
422210	Cable Tie Installation Tool
422211	Cable Tie Kit: Includes Installation Tool, UV Black 8" ties (50 pcs), Natural 5-1/2" Ties (100 pcs), and Mounting Bases (10 pcs).

## [B] HEAVY DUTY CABLE CUTTERS

- Machined blade surfaces eliminate nicking and binding
- Precision edge design provides for easy cutting

P/N	DESCRIPTION	LENGTH	WEIGHT
422204	Cable Cutter, 350 MCM Maximum	16-1/2"	3.5 lbs
422209	Compact Cable Cutter, 2/0 Maximum	7-3/8"	12 oz

## [C] PROFESSIONAL CRIMPING TOOL

- Compound action exerts maximum force for fast, reliable crimps
- One screw adjustment provides easy calibration to compensate for die wear
- Diamond shape crimp compresses all strands together to form a solid mass of copper, assuring a low resistance connection
- Quick release lever allows tool to open at any time

P/N	DESCRIPTION	LENGTH	WEIGHT
422207	Crimp Tool for Battery Terminals, Lugs, and Connectors. Cable Sizes 8 - 4/0	16-1/2"	3.5 lbs



## SOLDER & SEAL KIT

Includes the most popular styles and sizes:

- Rings
- Butt Connectors
- Quick Connects
- 3 sizes of heat shrink tubing
- Heat gun

P/N	DESCRIPTION
422561	Solder & Seal Kit

## SOLDER & SEAL KIT INCLUDES:

P/N	QTY	P/N	QTY
422206	1	422592	1
422593	1	422594	1
422543	10	422545	10
422549	10	422547	10
422546	10	422551	10
422550	10	422552	10
422557	10	422554	10
422553	10		

## CRIMP 'N SEAL® WATERPROOF WIRING KITS

P/N	DESCRIPTION
422213	80 Piece Assortment of the Most Popular Rings, Forks, and Quick Disconnect Terminals. Includes 422199 Multi-Purpose Tool.
422214	500 Piece Assortment of the Most Popular Rings, Forks, and Quick Disconnect Terminals. Includes Crimping Tool 422200, Portable Butane Torch (422206), Cable Tie (422210), and 100 Cable Ties (422079).

## CRIMP 'N SEAL® SPLICE KIT

P/N	DESCRIPTION
422212	Includes 15 Red Butt Splices (22-18), 25 Blue Butt Splices (16-14), and 10 Yellow Butt Splices (12-10), Along with Crimping Tool (422200).



## METAL, PLASTIC, & FIBERGLASS POLISH - PASTE



A concentrated cream that is unsurpassed in its ability to clean, polish, deoxidize and protect. Nothing works faster, easier or better.

**Use On:** Brass, Copper, Silverplate, Sterling Silver, Chrome, Stainless Steel.

**Removes:** Tarnish, Rust, Water Stains, Chalking, Lime Deposits, Heat Discoloration

P/N	DESCRIPTION
2700	.07 oz Packet in Jar Display (100 per Jar)
2701	1.76 oz Blister Tube
2702	5.29 oz Boxed Tubes
2703	2.0 lb Quart Can
2704	1 Gallon Can

## STAINLESS STEEL & CHROME CLEANER WITH DEGREASER



**Instantly & Easily Removes:** Fingerprints, Oil, Grease, Brake Dust, Soil Wax, Soap, Automotive Fluids and More.

**Safe On:** Brushed or Polished Stainless Steel, Chrome, Painted Surfaces, Plastics, and Acrylics

**Brake Dust:** Spray on and let sit to allow degreaser to penetrate greasy residue/brake dust. Wipe away with soft cloth or buffer.

P/N	DESCRIPTION
2706	1.7 oz Spray Bottle
2707	16 oz Spray Bottle
2708	1 Gallon

## STAINLESS STEEL & CHROME POLISH



A premium, water-based polish leaves a brilliant, protective gloss. Dust and fingerprint resistant.

**Safe On:** Brushed or Polished Stainless Steel:

Appliances, Gas Grills, Vent Hoods and More. Chrome, Painted Surfaces, Plastics, and Acrylics.

**To Use:** Spray on and wipe with soft cloth along the grain.

P/N	DESCRIPTION
2709	1.7 oz Spray Bottle
2710	16 oz Spray Bottle
2711	1 Gallon

## MAGNESIUM CHLORIDE REMOVER



**Prevent & Maintain:** Instantly remove the harsh corrosion caused by magnesium chloride and calcium chloride, brake dust, calcium, lime, grease, oil and water stains from aluminum and stainless steel.

**To Use:** Simply spray on, agitate and rinse. Will not Dull Aluminum. Safe for use on painted surfaces, fiberglass and chrome.

P/N	DESCRIPTION
2722	16 oz Spray Bottle
2723	1 Gallon
2724	5.5 Gallon Tote



## X-TREME STAINLESS STEEL CLEANER - HEAVY BUILD-UP REMOVER



Created For X-Treme Corrosion, Grease Build Up

**Removes:** Heavy Grease Build Up, Mold, Rust, Calcium, Lime, Corrosion

**Safe On:** Stainless Steel, Chrome, Aluminum, Brass & Copper

**To Use:** Spray directly onto surface; Wait up to 1 minute. Scrub with nylon brush. *Do Not Let Product Dry* - Rinse well with water.

P/N	DESCRIPTION
2712	16 oz Spray Bottle
2713	1 Gallon
2714	5.5 Gallon Tote

## INSTANT CALCIUM, RUST & LIME REMOVER



**Instantly Removes:** Hard water spots and rust stains caused by sprinklers, calcium deposits and stains, soap scum, lime deposits, corrosion, tarnish, grease and oil.

**Safe On:** Glass, aluminum, painted surfaces, fiberglass, stucco, brick, porcelain, brass and copper

**Warning:** Not suitable for chrome.

P/N	DESCRIPTION
2717	16 oz Spray Bottle
2718	1 Gallon

## INSTANT BRASS & COPPER TARNISH REMOVER



**Instantly Removes:** Heavy tarnish without rubbing. Safer than traditional acid-based cleaners.

**Safe On:** Brass and copper, glass, aluminum, painted surfaces, fiberglass, stucco, brick, and porcelain.

**To Use:** Just spray and rinse.

P/N	DESCRIPTION
2715	16 oz Spray Bottle
2716	1 Gallon



## ALUMINUM PRECLEAN; INDUSTRIAL STRENGTH

**Instantly Removes:** Hard water spots and rust stains, calcium deposits & stains, soap scum, lime deposits, corrosion, tarnish, grease and oil.

Nonflammable. Use indoors or out.

**Safe On:** Glass, aluminum, painted surfaces, fiberglass, brass and copper. Won't haze aluminum. Not suitable for chrome.

**To Use:** Spray on, agitate, and rinse.

P/N	DESCRIPTION
2719	16 oz Spray Bottle
2720	1 Gallon
2721	5.5 Gallon Tote



## SPEED WAXX - SUPER GLOSS HIGH PERFORMANCE SPRAY

Premium-grade detailing spray that's perfect for when you're in a hurry and need a super-fast super shine.

**Exceptional Performance On:** Enamel and painted surfaces, clear-coat, gel-coat, lacquer, polyurethane, fiberglass, ceramic and powder coatings, plexiglas, eisenglass, acrylics and plastics.

**To Use:** Spray-on, wipe-off wax

P/N	DESCRIPTION
2725	16 oz Spray Bottle
2726	16 oz Spray Bottle
2727	1 Gallon
2728	5.5 Gallon Tote

## GUN BORE CLEANER



Cleaner will remove the plastic wad, copper and powder fouling which is not visible to the naked eye, but must be removed to maintain the accuracy of your firearm.

**Safe On:** Factory gun bluing, stainless and nickel firearms.

P/N	DESCRIPTION
2705	7.6 oz Bottle

## RIFLE & GUN WAX



**Polishes and Protects:** Against fingerprints, powder residue, rust, blood, water spots, salt deposits, lime deposits, and tree sap.

**Safe On:** Gun bluing, polished, plastic and hand-rubbed wood stocks, stainless or nickel firearms and blades. Safe on interior and exterior of the bore.

P/N	DESCRIPTION
2730	7.6 oz Bottle



## MINI SCUFF PADS

Removes heavy oxidized clear-coat on headlights and on plastics.

**Design:** Non-woven abrasives are three dimensional media made with cut fiber strands; coated with resin and abrasive. Flexible and durable, ideal for contoured surfaces.

**Use On:** Plastics, acrylic, wood, composite, & more.

P/N	DESCRIPTION
2760	1000 grit, size: 2.75" x 2.75" (6 Pack)

## ORIGINAL BUFFBALLS

**Design:** Begins as a flat buff pad, but turns into a buffball as it spins on the drill

**Use On:** All surfaces. Quickly and safely buffs out brake dust, scuff marks, light scratches, oxidation, chalking, tarnish, pitting and corrosion.

P/N	DESCRIPTION
2761	Super Mini 2" in Clamshell
2762	Large, Orange 5" in Clamshell
2763	X-Large, Blue 7" in Clamshell



## FLITZ KITS



P/N	TYPE	DESCRIPTION
2770	Headlight Restoration Kit	1 each: 7" BuffBall, 1.76oz tube Polish/Paste, 1.7oz Speed Wax bottle, Scuff Pad, Coupon for free microfiber cloth
2771	Mag Wheel Restoration Kit	1 each: 5" BuffBall, 1.76oz tube Metal Polish, 1.7oz Speed Wax, Coupon for free microfiber cloth
2772	Heavy Duty / Truck Polishing Kit	1 each: 7" BuffBall, 5.29oz tube Polish/Paste, 1.7oz Speed Wax, 1-Scuff Pad, Coupon for free microfiber cloth
2773	Diamond Plate Restoration Kit for Truck Toolboxes	1 each: 5" BuffBall, 1.76oz tube Metal Polish, 1.7oz Speed Wax, Coupon for free microfiber cloth
2774	Motorcycle Detailing Kit	1 each: 2" BuffBall, 1.76oz tube Metal Polish, 1.7oz Speed Wax, Coupon for free microfiber cloth
2775	Cycle 2Go Care Kit	1 each: 1.76oz Paste Metal Polish, 1.7oz Stainless Cleaner, 1.7oz Speed Wax, Microfiber Cloth & Black Carry-Along Pouch
2776	Knife & Gun Care Kit	1 each: 1.76oz Paste Metal Polish, 1.7oz Stainless Cleaner, 1.7oz Rifle/Gun Wax, & Microfiber Cloth



← A: 424305

← A: 424306



C



D

## [A] STORAGE BINS

- 40 Bins per Unit
- Hemmed and Ribbed Dividers
- Ideal for Use with Brass Fittings
- Base Sold Separately (Pictured Above)
- Available with Assorted Brass Fittings

P/N	DESCRIPTION	OVERALL WIDTH	OVERALL HEIGHT	DEPTH
424305	Storage Bin	33-3/4"	22-1/2"	12"
424306	Bin Base	35-1/2"	6"	12-1/4"

## [B] CARDBOARD DISPLAY BOXES

- Great for Organizing Small Parts
- Fits on a Standard 10" and 12"
- Made Out of Heavy Duty Cardboard for Extended Life



B: 424176



B: 424177

P/N	DESCRIPTION
424176	Bin Box 9" x 4" x 4.5"
424177	Bin Box 9" x 6" x 4.5"

## [C] AIR BRAKE HOSE ASSEMBLY DISPLAY RACK

- Durable, heavy duty design.
- Black powder-coat finish.
- Attractive gloss header.
- Fits both 3/8" and 1/2" hoses.
- Not made for the "5 Series" hoses.
- Holds 54 air brake hose assemblies.

P/N	DESCRIPTION
MD001	Air Brake Hose Assembly Display Rack

## [D] FLITZ POINT OF PURCHASE ITEMS

P/N	TYPE	DESCRIPTION
2790	Digital Video Players	Motion Sensor Digital Video Player w/ 7" Screen, Electric Powered, Remote
2793	P.O.P. Displays	Black, Cardboard Floor Display with Flitz Full Color Logo Graphics, 3 Shelves





## [A] COILED AIR DISPLAY BOX

Holds up to 36 sets of coiled air hose assemblies

P/N	QTY	CONTENTS
451066	1	Display Box (Without Product)
451035NP	36	12' Coiled Nylon Air Brake Tubing
451036NP	24	15' Coiled Nylon Air Brake Tubing
451039NP	18	15' x 40" Coiled Nylon Air Brake Tubing

## [B] GLADHAND SEAL DISPLAY RACK

- Includes header card
- Unique display fits on counter top
- Durable, heavy duty design

P/N	DESCRIPTION
441095	Gladhand Seal Display Rack, 12" x 18", 24 pkgs (2 red, 2 blue per pack)
441095D	Gladhand Seal Display Rack without Stock
441095P	24 Refill Packages for Display Rack
441749•	Gladhand Full Face Type Seal
441736•	Gladhand Protect-O Seal
441737•	Gladhand Red Polyurethane Seal
441738•	Gladhand Blue Polyurethane Seal
441739•	Gladhand Black Polyurethane Seal

• Item Available as 100 Pieces in One Box. Order with suffix -100

## [C] HOSE CLAMP DISPLAY RACK

- Can be wall mounted or free standing
- Fill with Hose Clamp Assortment (below)

P/N	DESCRIPTION
491701	Empty Hose Clamp Display Rack
491700	Hose Clamp Assortment

## HOSE CLAMP ASSORTMENT INCLUDES:

P/N	SAE SIZE	QUANTITY
490404	4	30
490406	6	30
491010	10	20
491012	12	20
491020	20	20
491024	24	20
491028	28	20
491032	32	20
491036	36	20



## ELECTRICAL SPIN DISPLAY RACK

- 4 blue panels with a plan-o-gram makes product arrangement simple
- Attractive Sloan header sign
- Includes 79 six-inch hook pegs
- Available fully stocked with packaged electrical product or as spin rack only
- Includes reorder form to make restocking easy
- Receive a 421998 spin display rack with every assortment purchase

## ELECTRICAL PART PACKAGING

- Clear bag for easy part identification
- Label includes the Tramec Sloan part number, part description, quantity and competitor cross references

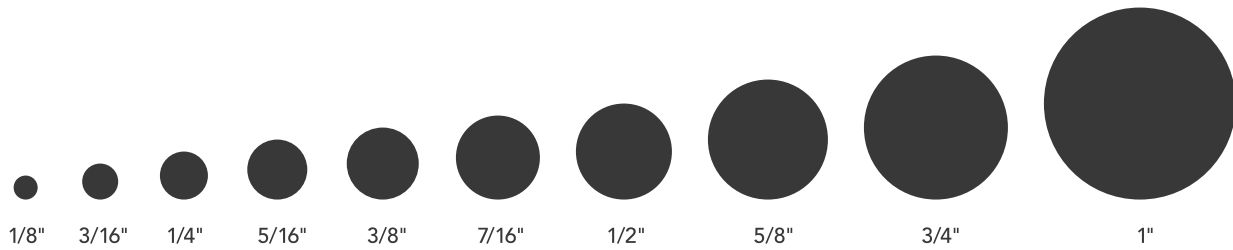
P/N	DESCRIPTION
421998	Spin Rack
421999	Spin Rack Assortment



## ELECTRICAL ASSORTMENT INCLUDES:

P/N	QTY	P/N	QTY
421998	1	422058P	300
422001P	60	422059P	300
422002P	60	422060P	150
422003P	60	422061P	150
422004P	60	422062P	300
422006P	60	422063P	150
422007P	60	422064P	60
422008P	60	422071P	600
422009P	60	422073P	600
422014P	60	422075P	400
422015P	60	422076P	200
422016P	60	422077P	600
422017P	60	422078P	600
422025P	60	422079P	600
422026P	60	422080P	400
422027P	60	422081P	200
422028P	300	422094P	6
422029P	300	422097P	6
422030P	300	422098P	6
422031P	300	422099P	6
422032P	300	422100P	6
422033P	300	422107P	4
422034P	300	422108P	4
422035P	300	422109P	4
422036P	300	422110P	4
422037P	300	422126P	30
422038P	150	422129P	10
422039P	150	422142P	4
422040P	150	422183P	20
422041P	150	422186P	20
422042P	150	422187P	20
422044P	60	422188P	20
422045P	150	422190P	20
422046P	300	422191P	20
422047P	300	422199P	2
422048P	300	422200P	2
422051P	300	422209P	2
422052P	300	422210P	4
422053P	300	422454P	150
422054P	150	422455P	150

## TUBE OUTER DIAMETERS

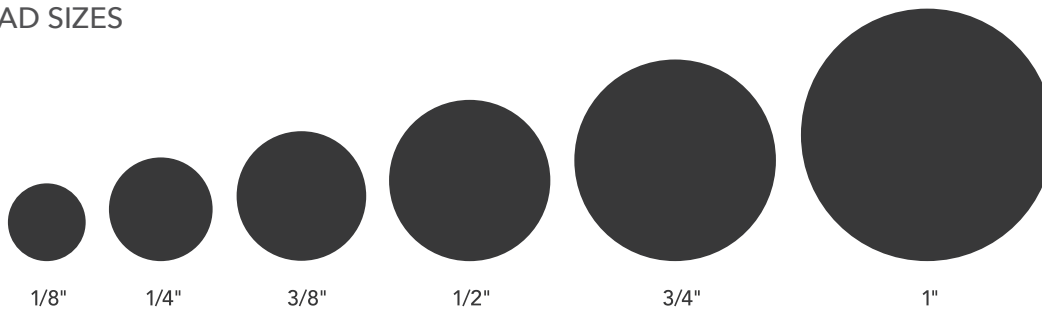


P/N CODE	TUBE SIZE
-2	1/8
-3	3/16
-4	1/4
-5	5/16
-6	3/8

P/N CODE	TUBE SIZE
-7	7/16
-8	1/2
-10	5/8
-12	3/4
-14	7/8

P/N CODE	TUBE SIZE
-16	1
-20	1-1/4
-24	1-1/2
-32	2

## PIPE THREAD SIZES



P/N CODE	NPT	TPI
-1	1/16	27
-2	1/8	27
-4	1/4	18
-5	5/16	18
-6	3/8	18
-8	1/2	14

P/N CODE	NPT	TPI
-10	5/8	14
-12	3/4	14
-16	1	11-1/2
-20	1-1/4	11-1/2
-24	1-1/2	11-1/2
-32	2	11-1/2



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60PT-4	54
60PT-5	54
60PT-6	54
60PT-8	54
60PT-10	54
60-2TF	40
60-2.5TF	40
60-3	54
60-4	54
60-5	54
60-6	54
60-7	54
60-8	54
60-10	54
60-12	54
60-14	54
61-2	54
61-2TF	40
61-2.5TF	40
61-3	54
61-4	54
61-5	54
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61-7	54
61-8	54
61-10	54
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61CA-3	59
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61CA-5	59
61CA-6	59
61CA-8	59
61CA-10	59
61CA-12	59
61CA-14	59
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62-2.5TF	40
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62-5-4	55
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62-7	55
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62-10-6	55

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62CA-8-6	59
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62CA-12	59
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66-8-6	56

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66-10-6	56
66-10-8	56
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68-2.5-2TF	40
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99S3800	26
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159-10-6	45
159-10-8	45
207-4	12
207-5	12
207-6	12
207-6HDSTL	12
207-6STL	12
207-8	12
210-2	19
210-4	19
210-6	19
210-8	19
225-6-6-4	22
270	70
563C64-24	91
563C64-28.5	91
563C64-30	91
563C64-34.5	91
563C64-36	91
563C64-48	91
563C64-60	91
563C64-72	91
563C64-84	91
563C64-96	91
563C64-108	91
563C64-120	91
563C64-132	91
563C64-144	91
563C64-156	91
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725-10-8	67
725-12-12	67
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728-12-12	67
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729-12	67
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## SLOAN

**1977**

SLOAN TRANSPORTATION PRODUCTS FORMED AS A DIVISION OF THE SLOAN VALVE COMPANY.

**1984**

SLOAN ACQUIRED SPINNET WATER PUMPS.

**1999**

SLOAN ACQUIRED HEBCO PRODUCTS.

## TRAMEC

**1981**

TRAMEC CORPORATION IS FOUNDED BY SERGIO CAMPANINI IN IOLA, KS.

## CMI

**2001**

CRAWFORD MACHINE INC. (CMI) WAS FOUNDED BY THE HESSEY FAMILY.



**2009**

TRAMEC LLC ACQUIRED  
MACLEAN FASTENER

STEMCO-CREWSON  
JV FORMED WITH  
TRAMEC BUFFALO

**2012**

TRAMEC LLC ACQUIRED  
CONTINENTAL AERO

**MAY 2013**

TRAMEC ACQUIRED SLOAN  
TRANSPORTATION PRODUCTS  
IN HOLLAND, MI.

**TRAMEC SLOAN**

**2008**

TRAMEC LLC FORMED  
BY COMBINING  
TRAMEC CORP. WITH  
CREWSON BRUNNER, A  
MACLEAN-FOGG COMPANY

**2011**

TRAMEC LLC ACQUIRED  
HILL FASTENER  
IN ROCK FALLS, IL.

TRAMEC HDSS FORMED  
TO SUPPLY HEAVY DUTY  
SUSPENSION COMPONENTS

**NOVEMBER 2013**

TRAMEC LLC ACQUIRED  
CRAWFORD MACHINE INC.  
IN GALION, OH.



24" x 36" BRASS POSTER  
AVAILABLE FOR ALL TRAMEC SLOAN BRASS CUSTOMERS!



## Brass Fittings



A - Fitting Image C - CMI P/N  
B - Tramec Sloan P/N D - Fitting Description

Sizes are Defined by a Suffix Number Following the P/N Class. Ex) a 540-4 would have a 1/4" sleeve. Fittings with multiple tube sizes use multiple suffixes. Ex) a 5120-8-6 has one 1/2" and one 3/8" end.

SUFFIX	SIZE
-1	1/16"
-2	3/32"
-3	1/32"
-4	1/8"
-5	3/16"
-6	1/4"
-8	3/8"
-10	1/2"
-12	3/4"
-14	7/8"
-16	1"

### Compression & Copper



### Nylon & Rubber Hose



### Pipe & Hose Barb



### 45° Flare Fittings



### Push-On & Inverted Flare



### Quick Connect & Standpipes



TRAMECSLOAN.COM | 800.336.7778

ADD ONE TO YOUR ORDER TODAY!

PART NUMBER LIT-PD-01

## ORDERING INFORMATION:

PHONE:  
616.395.5600

TOLL FREE PHONE:  
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TOLL FREE FAX:  
877.286.6515

CUSTOMER SERVICE:  
customerservice@tramecsloan.com

ONLINE:  
tramecsloan.com

## MANUFACTURING & DISTRIBUTION:

534 East. 48th Street  
Holland, MI 49423

1310 Freese Works Place  
Galion, OH 44833

30 Davis Street  
Iola, KS 66749

CANADIAN DISTRIBUTION:  
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