

# BRASS FITTINGS



**COUPLINGS COMPANY, INC.**

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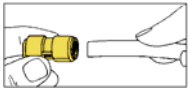




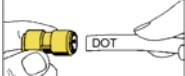



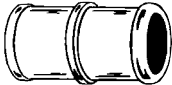
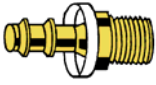


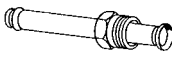

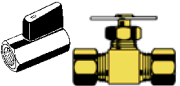
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**See List Price Sheet & Our Website For List Prices**










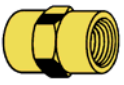
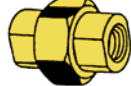



<b>PIPE FITTINGS</b>  1P - 4P	<b>FLARE</b>  5P - 7P	<b>COMPRESSION</b>  8P - 10P	<b>CAPTIVE SLEEVE</b>  8P & 11P	<b>POLY TUBE COMPRESSION</b>  14P	<b>PUSH TO CONNECT</b>  15P	<b>AIR BRAKE NYLON TUBING</b>  16P - 17P
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## NUMBERING SYSTEM

<u>FITTINGS TUBE TO TUBE</u>	<u>FITTINGS TUBE TO PIPE</u>	<u>FITTINGS TUBE TO PIPE</u>	<u>FITTINGS TUBE TO PIPE</u>
A     1/8	A     1/8 X 1/8	DE    5/16 X 3/8	HJ    5/8 X 3/4
AA    5/32	AS    1/8 X 1/16	E     3/8 X 1/8	J     3/4 X 1/2
B     3/16	AA    5/32 X 1/8	EE    3/8 X 1/4	JJ    3/4 X 3/4
C     1/4	AAS   5/32 X 1/16	EEE   3/8 X 3/8	MF    7/8 X 1/2
D     5/16	B     3/16 X 1/8	EF    3/8 X 1/2	MJ    7/8 X 3/4
E     3/8	BB    3/16 X 1/4	EJ    3/8 X 3/4	MN    7/8 X 1"
F     1/2	C     1/4 X 1/8	FC    1/2 X 1/4	NF    1" X 1/2
G     7/16	CC    1/4 X 1/4	F     1/2 X 3/8	NJ    1" X 3/4
H     5/8	CE    1/4 X 3/8	FF    1/2 X 1/2	NN    1" X 1"
J     3/4	CF    1/4 X 1/2	FJ    1/2 X 3/4	
M     7/8	D     5/16 X 1/8	HE    5/8 X 3/8	
N     1"	DD    5/16 X 1/4	H     5/8 X 1/2	



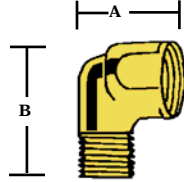


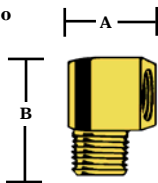
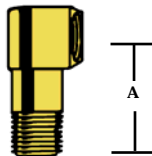

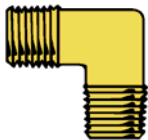

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# BRASS PIPE FITTINGS (BAR STOCK)

<p><b>109 - PLUG SQUARE HEAD</b> (SOLID)</p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAT. NO.</th> <th>MALE PIPE</th> </tr> </thead> <tbody> <tr><td>109A</td><td>1/8</td></tr> <tr><td>109C</td><td>1/4</td></tr> <tr><td>109E</td><td>3/8</td></tr> <tr><td>109F</td><td>1/2</td></tr> <tr><td>109J*</td><td>3/4</td></tr> <tr><td>109N**</td><td>1"</td></tr> </tbody> </table> <p>* HOLLOW ** CAST HOLLOW</p>	CAT. NO.	MALE PIPE	109A	1/8	109C	1/4	109E	3/8	109F	1/2	109J*	3/4	109N**	1"	<p><b>109U - PLUG COUNTERSUNK</b></p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAT. NO.</th> <th>MALE PIPE</th> </tr> </thead> <tbody> <tr><td>109UA</td><td>1/8</td></tr> <tr><td>109UC</td><td>1/4</td></tr> <tr><td>109UE</td><td>3/8</td></tr> <tr><td>109UF</td><td>1/2</td></tr> <tr><td>109UJ</td><td>3/4</td></tr> </tbody> </table>	CAT. NO.	MALE PIPE	109UA	1/8	109UC	1/4	109UE	3/8	109UF	1/2	109UJ	3/4	<p><b>119 - REDUCER COUPLING</b></p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAT. NO.</th> <th>FEMALE PIPE</th> <th>FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>119C</td><td>1/4 X 1/8</td><td></td></tr> <tr><td>119E</td><td>3/8 X 1/8</td><td></td></tr> <tr><td>119EE</td><td>3/8 X 1/4</td><td></td></tr> <tr><td>119F</td><td>1/2 X 3/8</td><td></td></tr> <tr><td>119FA</td><td>1/2 X 1/8</td><td></td></tr> <tr><td>119FC</td><td>1/2 X 1/4</td><td></td></tr> <tr><td>119J</td><td>3/4 X 1/2</td><td></td></tr> <tr><td>119JC*</td><td>3/4 X 1/4</td><td></td></tr> <tr><td>119JE*</td><td>3/4 X 3/8</td><td></td></tr> <tr><td>119NJ*</td><td>1" X 3/4</td><td></td></tr> </tbody> </table> <p>* CAST BRASS</p>	CAT. NO.	FEMALE PIPE	FEMALE PIPE	119C	1/4 X 1/8		119E	3/8 X 1/8		119EE	3/8 X 1/4		119F	1/2 X 3/8		119FA	1/2 X 1/8		119FC	1/2 X 1/4		119J	3/4 X 1/2		119JC*	3/4 X 1/4		119JE*	3/4 X 3/8		119NJ*	1" X 3/4		<p><b>108 - PIPE CAP</b></p>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CAT. NO.</th> <th>FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>108A</td><td>1/8</td></tr> <tr><td>108C</td><td>1/4</td></tr> <tr><td>108E</td><td>3/8</td></tr> <tr><td>108F</td><td>1/2</td></tr> <tr><td>108J</td><td>3/4</td></tr> <tr><td>108N*</td><td>1"</td></tr> </tbody> </table> <p>* CAST BRASS</p>	CAT. NO.	FEMALE PIPE	108A	1/8	108C	1/4	108E	3/8	108F	1/2	108J	3/4	108N*	1"																																								
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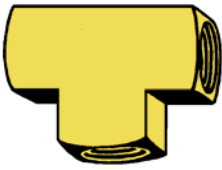
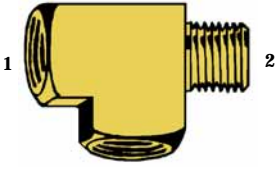
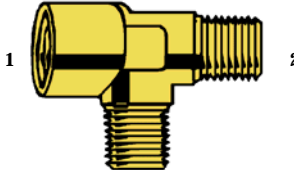
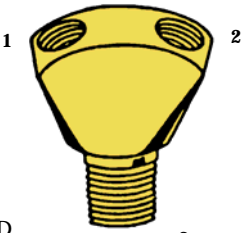
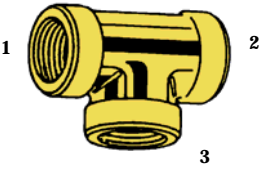
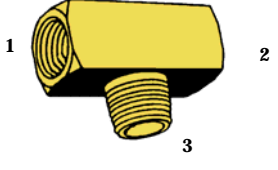
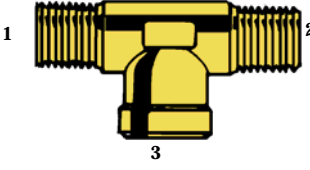
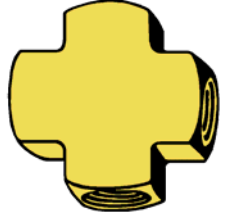
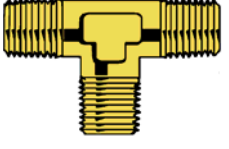
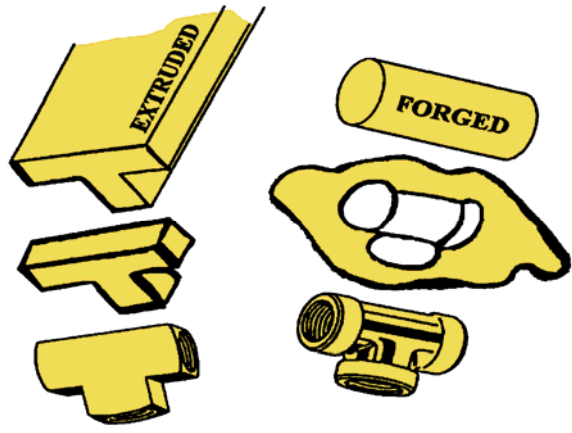


# Continued: BRASS PIPE FITTINGS (BAR STOCK / FORGED)

<p><b>100S - 90° ELBOW EXTRUDED</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>100SA</td><td>1/8</td></tr> <tr><td>100SC</td><td>1/4</td></tr> <tr><td>100SE</td><td>3/8</td></tr> <tr><td>100SF</td><td>1/2</td></tr> <tr><td>100SJ</td><td>3/4</td></tr> </tbody> </table>	CAT. NO.	FEMALE PIPE	100SA	1/8	100SC	1/4	100SE	3/8	100SF	1/2	100SJ	3/4	<p><b>130 - 90° MALE ELBOW FORGED</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>130A</td><td>1/8</td></tr> <tr><td>130C</td><td>1/4</td></tr> <tr><td>130E</td><td>3/8</td></tr> <tr><td>130F</td><td>1/2</td></tr> </tbody> </table> <p>REDUCING SIZES FORGED</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>130CA</td><td>1/4 X 1/8</td></tr> <tr><td>130EC</td><td>3/8 X 1/4</td></tr> <tr><td>130FE</td><td>1/2 X 3/8</td></tr> </tbody> </table>	CAT. NO.	MALE PIPE	130A	1/8	130C	1/4	130E	3/8	130F	1/2	130CA	1/4 X 1/8	130EC	3/8 X 1/4	130FE	1/2 X 3/8	<p><b>116 - 90° STREET ELBOW FORGED</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">PIPE SIZE</th> </tr> </thead> <tbody> <tr><td>116A</td><td>1/8 A .69 B 1.18</td></tr> <tr><td>116C</td><td>1/4 A .70 B 1.24</td></tr> <tr><td>116E</td><td>3/8 A .98 B 1.44</td></tr> <tr><td>116F</td><td>1/2 A 1.34 B 1.96</td></tr> <tr><td>116J</td><td>3/4 A 1.33 B 1.96</td></tr> <tr><td>116J-39*</td><td>3/4 A 1.58 B 2.34</td></tr> <tr><td>116N*</td><td>1" A 1.93 B 2.75</td></tr> </tbody> </table> <p>* BRASS CASTING</p> <p>REDUCING SIZES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>116RAC</td><td>1/8</td><td>1/4 A -.71 B -1.22</td></tr> <tr><td>116RCE</td><td>1/4</td><td>3/8 A -1.27 B-1.39</td></tr> <tr><td>116REC</td><td>3/8</td><td>1/4 A -.84 B-1.35</td></tr> <tr><td>116REF</td><td>3/8</td><td>1/2 A -1.16 B-1.73</td></tr> <tr><td>116RFE</td><td>1/2</td><td>3/8 A -1.34 B -1.88</td></tr> </tbody> </table>	CAT. NO.	PIPE SIZE	116A	1/8 A .69 B 1.18	116C	1/4 A .70 B 1.24	116E	3/8 A .98 B 1.44	116F	1/2 A 1.34 B 1.96	116J	3/4 A 1.33 B 1.96	116J-39*	3/4 A 1.58 B 2.34	116N*	1" A 1.93 B 2.75	CAT. NO.	FEMALE PIPE	MALE PIPE	116RAC	1/8	1/4 A -.71 B -1.22	116RCE	1/4	3/8 A -1.27 B-1.39	116REC	3/8	1/4 A -.84 B-1.35	116REF	3/8	1/2 A -1.16 B-1.73	116RFE	1/2	3/8 A -1.34 B -1.88	<p><b>124S - 45° STREET ELBOW</b></p>  <p>EXTRUDED BRASS</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>124SA</td><td>1/8 X 1/8</td><td></td></tr> <tr><td>124SC</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>124SE</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>124SF</td><td>1/2 X 1/2</td><td></td></tr> <tr><td>124SJ</td><td>3/4 X 3/4</td><td></td></tr> </tbody> </table>	CAT. NO.	FEMALE PIPE	MALE PIPE	124SA	1/8 X 1/8		124SC	1/4 X 1/4		124SE	3/8 X 3/8		124SF	1/2 X 1/2		124SJ	3/4 X 3/4														
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PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1"
THREAD PITCH	-27	-18	-18	-14	-14	-11&1/2

# Continued: BRASS PIPE FITTINGS (BAR STOCK / FORGED)

<p><b>101S - TEE EXTRUDED</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>101SA</td><td>1/8</td></tr> <tr><td>101SC</td><td>1/4</td></tr> <tr><td>101SE</td><td>3/8</td></tr> <tr><td>101SF</td><td>1/2</td></tr> <tr><td>101SJ</td><td>3/4</td></tr> </tbody> </table>	CAT. NO.	FEMALE PIPE	101SA	1/8	101SC	1/4	101SE	3/8	101SF	1/2	101SJ	3/4	<p><b>127 - RUN TEE FEMALE X MALE X FEMALE PIPE</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>127A</td><td>1/8 X 1/8</td><td></td></tr> <tr><td>127C</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>127E</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>127F</td><td>1/2 X 1/2</td><td></td></tr> <tr><td>127J</td><td>3/4 X 3/4</td><td></td></tr> </tbody> </table>	CAT. NO.	FEMALE PIPE	MALE PIPE	127A	1/8 X 1/8		127C	1/4 X 1/4		127E	3/8 X 3/8		127F	1/2 X 1/2		127J	3/4 X 3/4		<p><b>127Z - TEE FEMALE X MALE X MALE PIPE</b></p>  <p>FORGED</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEM. PIPE</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>127ZA</td><td>1/8 X 1/8</td><td></td></tr> <tr><td>127ZC</td><td>1/4 X 1/4</td><td></td></tr> </tbody> </table>	CAT. NO.	FEM. PIPE	MALE PIPE	127ZA	1/8 X 1/8		127ZC	1/4 X 1/4		<p><b>118MPT - Y</b></p>  <p>FORGED</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>118MPT-C</td><td>1/4 X 1/4</td><td></td></tr> </tbody> </table>	CAT. NO.	FEMALE PIPE	MALE PIPE	118MPT-C	1/4 X 1/4																		
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127F	1/2 X 1/2																																																																
127J	3/4 X 3/4																																																																
CAT. NO.	FEM. PIPE	MALE PIPE																																																															
127ZA	1/8 X 1/8																																																																
127ZC	1/4 X 1/4																																																																
CAT. NO.	FEMALE PIPE	MALE PIPE																																																															
118MPT-C	1/4 X 1/4																																																																
<p><b>101 - TEE FORGED BRASS</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>101A</td><td>1/8</td></tr> <tr><td>101C</td><td>1/4</td></tr> <tr><td>101E</td><td>3/8</td></tr> <tr><td>101F-39*</td><td>1/2</td></tr> <tr><td>101F</td><td>1/2</td></tr> <tr><td>101J-39*</td><td>3/4</td></tr> <tr><td>101J</td><td>3/4</td></tr> <tr><td>101N*</td><td>1"</td></tr> </tbody> </table> <p>* BRASS CASTING</p>	CAT. NO.	FEMALE PIPE	101A	1/8	101C	1/4	101E	3/8	101F-39*	1/2	101F	1/2	101J-39*	3/4	101J	3/4	101N*	1"	<p><b>127S - BRANCH TEE FEMALE X FEMALE X MALE PIPE EXTRUDED</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>127SA</td><td>1/8 X 1.8</td><td></td></tr> <tr><td>127SC</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>127SE</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>127SF*</td><td>1/2 X 1/2</td><td></td></tr> </tbody> </table> <p>* BRASS FORGING</p>	CAT. NO.	FEMALE PIPE	MALE PIPE	127SA	1/8 X 1.8		127SC	1/4 X 1/4		127SE	3/8 X 3/8		127SF*	1/2 X 1/2		<p><b>127V - TEE MALE X MALE X FEMALE PIPE</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">MALE PIPE</th> <th style="text-align: left;">FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>127VA</td><td>1/8 X 1/8</td><td></td></tr> <tr><td>127VC</td><td>1/4 X 1/4</td><td></td></tr> </tbody> </table>	CAT. NO.	MALE PIPE	FEMALE PIPE	127VA	1/8 X 1/8		127VC	1/4 X 1/4		<p><b>102 - CROSS</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>102A⊕</td><td>1/8</td></tr> <tr><td>102SC♦</td><td>1/4</td></tr> <tr><td>102C⊕</td><td>1/4</td></tr> <tr><td>102E⊕</td><td>3/8</td></tr> <tr><td>102F-39*</td><td>1/2</td></tr> <tr><td>102F⊕</td><td>1/2</td></tr> <tr><td>102SF♦</td><td>1/2</td></tr> <tr><td>102J*</td><td>3/4</td></tr> <tr><td>102N*</td><td>1"</td></tr> </tbody> </table> <p>⊕ BRASS FORGING ♦ BRASS EXTRUSION * BRASS CASTING</p>	CAT. NO.	FEMALE PIPE	102A⊕	1/8	102SC♦	1/4	102C⊕	1/4	102E⊕	3/8	102F-39*	1/2	102F⊕	1/2	102SF♦	1/2	102J*	3/4	102N*	1"
CAT. NO.	FEMALE PIPE																																																																
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<p><b>REDUCING SIZES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr><td>101AAC</td><td>1/8X1/8X1/4</td><td></td><td></td></tr> <tr><td>101CCA</td><td>1/4X1/4X1/8</td><td></td><td></td></tr> <tr><td>101CCE</td><td>1/4X1/4X3/8</td><td></td><td></td></tr> <tr><td>101EEC</td><td>3/8X3/8X1/4</td><td></td><td></td></tr> <tr><td>101FFC*</td><td>1/2X1/2X1/4</td><td></td><td></td></tr> <tr><td>101FFE*</td><td>1/2X1/2X3/8</td><td></td><td></td></tr> <tr><td>101JF*</td><td>3/4X3/4X1/2</td><td></td><td></td></tr> </tbody> </table> <p>* BRASS CASTING</p>		1	2	3	101AAC	1/8X1/8X1/4			101CCA	1/4X1/4X1/8			101CCE	1/4X1/4X3/8			101EEC	3/8X3/8X1/4			101FFC*	1/2X1/2X1/4			101FFE*	1/2X1/2X3/8			101JF*	3/4X3/4X1/2			<p><b>127W - TEE MALE PIPE</b></p>  <p>FORGED</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>127WA</td><td>1/8</td></tr> <tr><td>127WC</td><td>1/4</td></tr> <tr><td>127WE</td><td>3/8</td></tr> <tr><td>127WF</td><td>1/2</td></tr> </tbody> </table>	CAT. NO.	MALE PIPE	127WA	1/8	127WC	1/4	127WE	3/8	127WF	1/2	 <p style="text-align: center;">EXTRUDED      FORGED</p>																					
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# BRASS PIPE NIPPLES

# BRASS PIPE FITTINGS

## 117A - 1/8" PIPE NIPPLES (LONG)



CAT. NO.	OVERALL LENGTH
YELLOW BRASS	
117A1&1/2	1.5"
117A2	2"
117A2&1/2	2.5"
117A3	3"
RED BRASS	
117A3&1/2	3.5"
117A4	4"
117A4&1/2	4.5"
117A5	5"
117A5&1/2	5.5"
117A6	6"

## 117F - 1/2" PIPE NIPPLES (LONG)



CAT. NO.	OVERALL LENGTH
YELLOW BRASS	
117F1&1/2	1.5"
117F2	2"
117F2&1/2	2.5"
RED BRASS	
117F3	3"
117F3&1/2	3.5"
117F4	4"
117F4&1/2	4.5"
117F5	5"
117F5&1/2	5.5"
117F6	6"

## 112 - CLOSE NIPPLE (YELLOW BRASS)



CAT. NO.	MALE PIPE	OVERALL LENGTH
112A	1/8	.75
112C	1/4	.88
112E	3/8	1.00
112F	1/2	1.12
112J	3/4	1.38
112N-R*	1"	1.50

\* RED BRASS

## 120L - ADAPTER EXTENSION

EXTRA LONG



FEMALE/		
CAT. NO.	MALE PIPE	OVERALL LENGTH (A)
120LA1	1/8	1.250"
120LA2	1/8	1.750"
120LC1	1/4	1.563"
120LC2	1/4	1.813"
120LC3	1/4	2.063"
120LC4	1/4	2.500"

## 117C - 1/4" PIPE NIPPLES (LONG)



CAT. NO.	OVERALL LENGTH
YELLOW BRASS	
117C1&1/2	1.5"
117C2	2"
117C2&1/2	2.5"
117C3	3"
RED BRASS	
117C3&1/2	3.5"
117C4	4"
117C4&1/2	4.5"
117C5	5"
117C5&1/2	5.5"
117C6	6"

## 117J - 3/4" PIPE NIPPLES (LONG)



CAT. NO.	OVERALL LENGTH
RED BRASS	
117J1&1/2	1.5"
117J2	2"
117J2&1/2	2.5"
117J3	3"
117J3&1/2	3.5"
117J4	4"
117J4&1/2	4.5"
117J5	5"
117J5&1/2	5.5"
117J6	6"

## 120 - EXTENSION ADAPTER



CAT. NO.	FEMALE PIPE	MALE PIPE
120A	1/8 X 1/8	
120C	1/4 X 1/4	
120E	3/8 X 3/8	
120F	1/2 X 1/2	
120J	3/4 X 3/4	

**ADDITIONAL SIZES & STAINLESS NIPPLES ARE AVAILABLE ON REQUEST**

## 120R - ADAPTER REDUCING



CAT. NO.	FEMALE PIPE	MALE PIPE
120RCA	1/4 X 1/8	
120REA	3/8 X 1/8	
120REC	3/8 X 1/4	
120RFC	1/2 X 1/4	
120RFE	1/2 X 3/8	
120RJE	3/4 X 3/8	
120RJF	3/4 X 1/2	

## 117E - 3/8" PIPE NIPPLES (LONG)



CAT. NO.	OVERALL LENGTH
YELLOW BRASS	
117E1&1/2	1.5"
117E2	2"
117E2&1/2	2.5"
RED BRASS	
117E3	3"
117E3&1/2	3.5"
117E4	4"
117E4&1/2	4.5"
117E5	5"
117E5&1/2	5.5"
117E6	6"

## 117N - 1" PIPE NIPPLES (LONG)

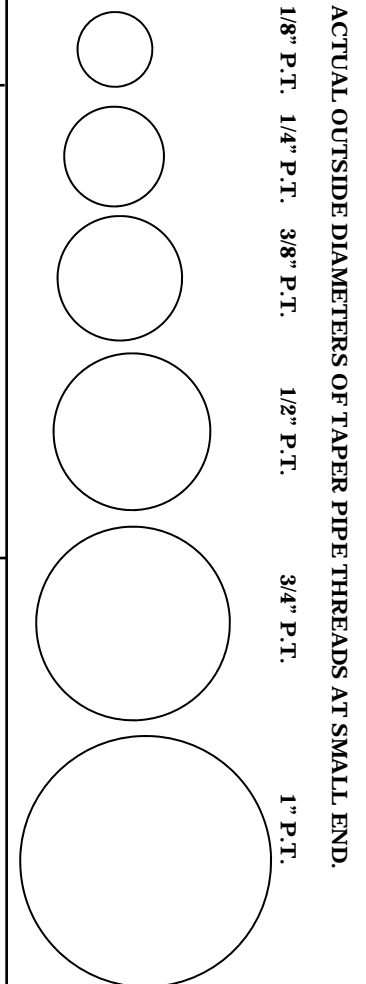


CAT. NO.	OVERALL LENGTH
RED BRASS	
112N-R	1.5" CLOSE
117N2	2"
117N2&1/2	2.5"
117N3	3"
117N3&1/2	3.5"
117N4	4"
117N4&1/2	4.5"
117N5	5"
117N5&1/2	5.5"
117N6	6"

## 120S - ADAPTER (1/8 FEMALE TAP)



FEMALE/		
CAT. NO.	MALE PIPE	FEMALE PIPE TAP
120SF	1/2	1/8
120SJ	3/4	1/8



PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1"
THREAD PITCH	-27	-18	-18	-14	-14	-11&1/2

# FLARED BRASS FITTINGS (45° FLARE)



## 41 - NUT ROD SHORT



CAT. NO.	TUBE O.D.
41A	1/8
41B	3/16
41C	1/4
41D	5/16
L41E*	3/8
41E	3/8
L41F*	1/2
41F	1/2
L41H*	5/8
41H	5/8
41J	3/4
41M	7/8

\*PLUMBING STYLE

## 141 - NUT, ROD LONG



CAT. NO.	TUBE O.D.
141A	1/8
141B	3/16
141C	1/4
141D	5/16
141E	3/8
141F	1/2
141H	5/8
141J	3/4

## N4 - NUT, FORGED LONG



CAT. NO.	TUBE O.D.
N4C	1/4
N4E	3/8
N4F	1/2
N4H	5/8
N4J	3/4

## NS4 - NUT, FORGED SHORT



CAT. NO.	TUBE O.D.
NS4B	3/16
NS4C	1/4
NS4D	5/16
NS4E	3/8
NS4F	1/2
NS4H	5/8
NS4J	3/4
NS4M	7/8

REDUCING SIZES

CAT. NO.	FITTING	TUBE O.D.
NS4DC	5/16 X 1/4	
NS4EC	3/8 X 1/4	
NS4FE	1/2 X 3/8	
NS4HF	5/8 X 1/2	
NS4JF	3/4 X 1/2	
NS4JH	3/4 X 5/8	

## N5 - CAP, FLARE N7



CAT. NO.	TUBE O.D.
N5B	3/16
N5C	1/4
N7-4*	1/4
N5D	5/16
N5E	3/8
N5F	1/2
N5H	5/8
N5J	3/4

\*EXTRA HEAVY  
USE #B2 GASKET

## P2 - PLUG



CAT. NO.	TUBE O.D.
P2C	1/4
P2D	5/16
P2E	3/8
P2F	1/2
P2H	5/8

## US4 - SWIVEL FORGED NUTS



CAT. NO.	TUBE O.D.
US4C	1/4
US4D	5/16
US4E	3/8
US4F	1/2
US4H	5/8
US4J	3/4

REDUCING SIZES

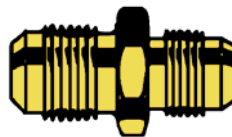
CAT. NO.	TUBE O.D.	TUBE O.D.
US4EC	3/8 X 1/4	
US4FE	1/2 X 3/8	
US4HF	5/8 X 1/2	

## 42 - UNION



CAT. NO.	TUBE O.D.
42A	1/8
42B	3/16
42C	1/4
42D	5/16
42E	3/8
42F	1/2
42H	5/8
42J	3/4
42M	7/8

## G42 - UNION REDUCING SIZES



CAT. NO.	TUBE O.D.	TUBE O.D.
G42EC	3/8 X 1/4	
G42FC	1/2 X 1/4	
G42FE	1/2 X 3/8	
G42HE	5/8 X 3/8	

## 46 - FEMALE CONNECTOR



CAT. NO.	TUBE O.D.	FEM. PIPE
46A	1/8 X 1/8	
46B	3/16 X 1/8	
46C	1/4 X 1/8	
46CC	1/4 X 1/4	
46CE	1/4 X 3/8	
46CF	1/4 X 1/2	
46D	5/16 X 1/8	
46DD	5/16 X 1/4	
46E	3/8 X 1/8	
46EE	3/8 X 1/4	
46EEE	3/8 X 3/8	
46EF	3/8 X 1/2	
46EJ	3/8 X 3/4	
46F	1/2 X 3/8	
46FC	1/2 X 1/4	
46FF	1/2 X 1/2	
46FJ	1/2 X 3/4	
46H	5/8 X 1/2	
46HJ	5/8 X 3/4	
46JJ	3/4 X 3/4	
46MJ	7/8 X 3/4	

## 48 - MALE CONNECTOR



CAT. NO.	TUBE O.D.	MALE PIPE
48A	1/8 X 1/8	
48B	3/16 X 1/8	
48C	1/4 X 1/8	
48CC	1/4 X 1/4	
48CE	1/4 X 3/8	
48CF	1/4 X 1/2	
48D	5/16 X 1/8	
48DD	5/16 X 1/4	
48DE	5/16 X 3/8	
48E	3/8 X 1/8	
48EE	3/8 X 1/4	
48EEE	3/8 X 3/8	
48EF	3/8 X 1/2	
48EJ	3/8 X 3/4	
48F	1/2 X 3/8	
48FC	1/2 X 1/4	
48FF	1/2 X 1/2	
48FJ	1/2 X 3/4	
48H	5/8 X 1/2	
48HE	5/8 X 3/8	
48HJ	5/8 X 3/4	
48J	3/4 X 1/2	
48JJ	3/4 X 3/4	
48MF	7/8 X 1/2	
48MJ	7/8 X 3/4	



# CONTINUED: FLARED BRASS FITTINGS (45° FLARE)

## 49 - MALE ELBOW

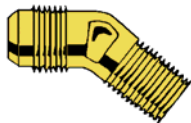


FORGED

CAT. NO.	TUBE O.D.	MALE PIPE
49A	1/8 X 1/8	
49B*	3/16 X 1/8	
49BB	3/16 X 1/4	
49C*	1/4 X 1/8	
49CC	1/4 X 1/4	
49CE	1/4 X 3/8	
49CF	1/4 X 1/2	
49D*	5/16 X 1/8	
49DD*	5/16 X 1/4	
49DE	5/16 X 3/8	
49DF	5/16 X 1/2	
49E	3/8 X 1/8	
49EE	3/8 X 1/4	
49EEE	3/8 X 3/8	
49EF	3/8 X 1/2	
49EJ	3/8 X 3/4	
49F	1/2 X 3/8	
49FC	1/2 X 1/4	
49FF	1/2 X 1/2	
49FJ	1/2 X 3/4	
49H	5/8 X 1/2	
49HC	5/8 X 1/4	
49HE	5/8 X 3/8	
49HJ	5/8 X 3/4	
49J	3/4 X 1/2	
49JE	3/4 X 3/8	
49JJ	3/4 X 3/4	
49JN	3/4 X 1"	
49MJ	7/8 X 3/4	
49MN	7/8 X 1"	
49NJ	1" X 3/4	

\* BARSTOCK

## 56 - 45° MALE ELBOW

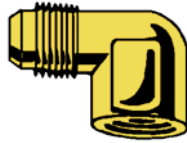


FORGED

CAT. NO.	TUBE O.D.	MALE PIPE
56B	3/16 X 1/8	
56C*	1/4 X 1/8	
56CC	1/4 X 1/4	
56CE	1/4 X 3/8	
56D	5/16 X 1/8	
56DD	5/16 X 1/4	
56EE	3/8 X 1/4	
56EEE	3/8 X 3/8	
56EF	3/8 X 1/2	
56F*	1/2 X 3/8	
56FF	1/2 X 1/2	
56H	5/8 X 1/2	
56J	3/4 X 1/2	
56JJ	3/4 X 3/4	

\* BARSTOCK

## 50 - FEMALE ELBOW

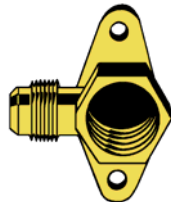


FORGED

CAT. NO.	TUBE O.D.	FEM. PIPE
50B	3/16 X 1/8	
50C*	1/4 X 1/8	
50CC	1/4 X 1/4	
50CE	1/4 X 3/8	
50CF	1/4 X 1/2	
50D	5/16 X 1/8	
50DD	5/16 X 1/4	
50E	3/8 X 1/8	
50EE	3/8 X 1/4	
54EEE	3/8 X 3/8	
54EF	3/8 X 1/2	
54EJ	3/8 X 3/4	
50F	1/2 X 3/8	
50FC	1/2 X 1/4	
54FF	1/2 X 1/2	
54FJ	1/2 X 3/4	
54H	5/8 X 1/2	
50HE	5/8 X 3/8	
54HJ	5/8 X 3/4	
50J	3/4 X 1/2	
50JJ	3/4 X 3/4	
50MJ	7/8 X 3/4	

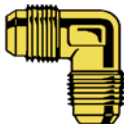
\* BARSTOCK

## 54S - DROP-EAR FEMALE ELBOW



CAT. NO.	TUBE O.D.	FEM. PIPE
54SFF	1/2 X 1/2	

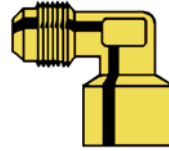
## 55 - UNION ELBOW



FORGED

CAT. NO.	TUBE O.D.
55A	1/8
55B	3/16
55C	1/4
55D	5/16
55E	3/8
55F	1/2
55H	5/8
55J	3/4
55M	7/8

## E4 - ELBOW TUBE X FEMALE FLARE THREAD



NOTE: USE PROPER SIZE B2 GASKET ON FEMALE FLARE END

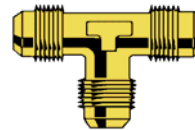
CAT. NO.	MALE FLARE	FEM. FLARE
E4C	1/4 X 1/4	
E4E	3/8 X 3/8	
E4F	1/2 X 1/2	

## ES2 - ELBOW TUBE X SOLDER TUBE O.D.



CAT. NO.	TUBE O.D.	FLARE SOLDER TUBING O.D.
ES2CC	1/4 X 1/4	
ES2EEE	3/8 X 3/8	
ES2FE	1/2 X 3/8	
ES2FF	1/2 X 1/2	
ES2FH	1/2 X 5/8	

## 44 - TEE



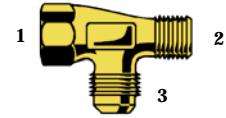
FORGED

CAT. NO.	TUBE O.D.
44A	1/8
44B	3/16
44C*	1/4
44D	5/16
44E	3/8
44F	1/2
44H	5/8
44J	3/4
44M	7/8

\* BARSTOCK

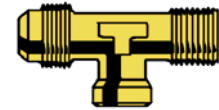
REDUCING SIZES AVAILABLE ON REQUEST

## 53 - TEE FEMALE PIPE X MALE PIPE X TUBE



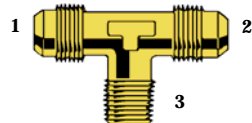
CAT. NO.	FEM. PIPE	MALE PIPE	TUBE O.D.
53C	1/8X1/8	1/4	1/4
53CC	1/4X1/4	1/2	1/2
53EE	1/4X1/4	3/8	3/8

## 53V - TEE TUBE X MALE PIPE X FEMALE PIPE



CAT. NO.	TUBE O.D.	MALE PIPE	FEM. PIPE
53VECA	3/8X1/4	1/4	1/8

## 45 - MALE BRANCH TEE


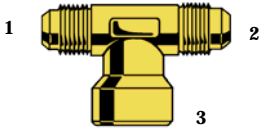
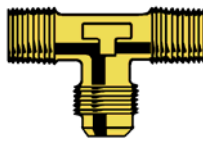
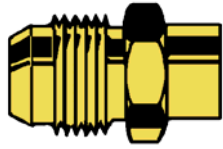


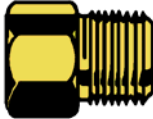
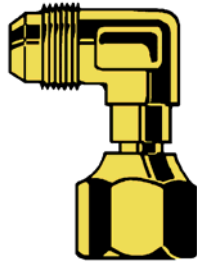
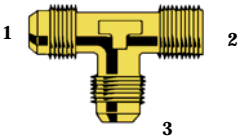
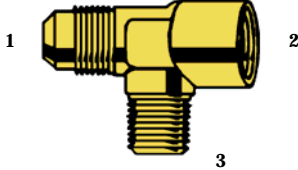





FORGED

CAT. NO.	TUBE O.D.	MALE PIPE
45A	1/8 X 1/8	1&2
45B	3/16 X 1/8	3
45C	1/4 X 1/8	
45CC	1/4 X 1/4	
45CE	1/4 X 3/8	
45CF	1/4 X 1/2	
45D	5/16 X 1/8	
45DD	5/16 X 1/4	
45E	3/8 X 1/8	
45EE	3/8 X 1/4	
45EEE	3/8 X 3/8	
45EF	3/8 X 1/2	
45EJ	3/8 X 3/4	
45F	1/2 X 3/8	
45FC	1/2 X 1/4	
45FF	1/2 X 1/2	
45FJ	1/2 X 3/4	
45H	5/8 X 1/2	
45HE	5/8 X 3/8	
45HJ	5/8 X 3/4	
45J	3/4 X 1/2	
45JJ	3/4 X 3/4	

TUBE SIZE	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1"
THREAD SIZE	5/16-24	3/8-24	7/16-20	1/2-20	5/8-18	3/4-16	7/8-14	1&1/6-14	1&1/4-12	1&3/8-12

# CONTINUED: FLARED BRASS FITTINGS (45° FLARE)

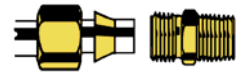
<p><b>T6 - TEE</b> TUBE X TUBE X FEMALE FLARE</p>  <p>NOTE: USE PROPER SIZE #B2 GASKET ON FEM. FLARE END</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">MALE FLARE</th> <th style="text-align: left;">FEM. FLARE</th> </tr> </thead> <tbody> <tr> <td>T6C</td> <td>1/4 X 1/4</td> <td></td> </tr> </tbody> </table>	CAT. NO.	MALE FLARE	FEM. FLARE	T6C	1/4 X 1/4		<p><b>45S - FEMALE BRANCH TEE</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">1&amp;2 TUBE O.D.</th> <th style="text-align: left;">3 FEM. PIPE</th> </tr> </thead> <tbody> <tr> <td>45SC</td> <td>1/4 X 1/8</td> <td></td> </tr> <tr> <td>45SCC</td> <td>1/4 X 1/4</td> <td></td> </tr> <tr> <td>45SE</td> <td>3/8 X 1/8</td> <td></td> </tr> <tr> <td>45SEE</td> <td>3/8 X 1/4</td> <td></td> </tr> <tr> <td>45SEEE</td> <td>3/8 X 3/8</td> <td></td> </tr> </tbody> </table>	CAT. NO.	1&2 TUBE O.D.	3 FEM. PIPE	45SC	1/4 X 1/8		45SCC	1/4 X 1/4		45SE	3/8 X 1/8		45SEE	3/8 X 1/4		45SEEE	3/8 X 3/8		<p><b>53W - TEE</b> MALE PIPE X MALE PIPE X TUBE</p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">MALE PIPE</th> <th style="text-align: left;">MALE PIPE</th> <th style="text-align: left;">TUBE O.D.</th> </tr> </thead> <tbody> <tr> <td>53WCCC</td> <td>1/4X1/4X1/4</td> <td></td> <td></td> </tr> <tr> <td>53WCCE</td> <td>1/4X1/4X3/8</td> <td></td> <td></td> </tr> <tr> <td>53WEEE</td> <td>3/8X3/8X3/8</td> <td></td> <td></td> </tr> </tbody> </table>	CAT. NO.	MALE PIPE	MALE PIPE	TUBE O.D.	53WCCC	1/4X1/4X1/4			53WCCE	1/4X1/4X3/8			53WEEE	3/8X3/8X3/8			<p><b>US3 - SOLDER CONNECTOR</b> FLARE TUBE X SOLDER TUBE</p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">FLARE TUBE O.D.</th> <th style="text-align: left;">SOLDER TUBING O.D.</th> </tr> </thead> <tbody> <tr> <td>US3CC</td> <td>1/4 X 1/4</td> <td></td> </tr> <tr> <td>US3CE</td> <td>1/4 X 3/8</td> <td></td> </tr> <tr> <td>US3EE</td> <td>3/8 X 1/4</td> <td></td> </tr> <tr> <td>US3EEE</td> <td>3/8 X 3/8</td> <td></td> </tr> <tr> <td>US3EF</td> <td>3/8 X 1/2</td> <td></td> </tr> <tr> <td>US3FF</td> <td>1/2 X 1/2</td> <td></td> </tr> <tr> <td>US3JJ</td> <td>3/4 X 3/4</td> <td></td> </tr> </tbody> </table>	CAT. NO.	FLARE TUBE O.D.	SOLDER TUBING O.D.	US3CC	1/4 X 1/4		US3CE	1/4 X 3/8		US3EE	3/8 X 1/4		US3EEE	3/8 X 3/8		US3EF	3/8 X 1/2		US3FF	1/2 X 1/2		US3JJ	3/4 X 3/4							
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U4E	3/8 X 3/8																																																																								
U4F	1/2 X 1/2																																																																								

STANDARD



# COMPRESSION BRASS FITTINGS

STASTRATE



## 60 - SLEEVE BRASS STANDARD



CAT. NO.	TUBE O.D.
60A	1/8
60B	3/16
60C	1/4
60D	5/16
60E	3/8
L60F	1/2
60F*	1/2
60G	7/16
L60H	5/8
60H*	5/8
60J	3/4
60M	7/8

\* HEAVY STYLE

## 860 - SLEEVE

STASTRATE BRASS FOR METAL OR PLASTIC TUBING MUST BE USED WITH #861 BELOW FITTINGS ON PAGE 12P



CAT. NO.	TUBE O.D.
860A	1/8
860B	3/16
860C	1/4
860D	5/16
860E	3/8
860F	1/2
860H	5/8

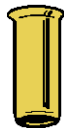
## 861 - NUT STASTRATE



BRASS FOR METAL OR PLASTIC TUBING USE WITH #860 SHOWN ABOVE

CAT. NO.	TUBE O.D.
861A	1/8
861B	3/16
861C	1/4
861D	5/16
861E	3/8
861F	1/2
861H	5/8

## 461 - INSERT BRASS TUBE SUPPORT



CAT. NO.	TUBING O.D.	INSERT O.D.
461A-80	1/8"	.080
461A-0*	1/8"	.073
461BS	3/16"	.135
461B-80	3/16"	.095
461B-0	3/16"	.110
461C	1/4"	.163
461D	5/16"	.187
461DS*	5/16"	.232
461E	3/8"	.250
461F	1/2"	.370
461H	5/8"	.470
TH461H*	5/8"	.434
461J	3/4"	.559

\*USE WITH A/B TUBING

## 61 - NUT STANDARD



CAT. NO.	TUBE O.D.
61A	1/8
61B	3/16
61C	1/4
61D	5/16
61E	3/8
L61F	1/2
61F*	1/2
61G	7/16
L61H	5/8
61H*	5/8
61J	3/4
61M	7/8

\*HEAVY STYLE

## NUT CHROME PLATED

CL61E	3/8
CL61F	1/2
CL61H	5/8

## CS61 - CAPTIVE BRASS

### SLEEVE & NUT

HEAVY DUTY



CAT. NO.	TUBE O.D.
CS61-A	1/8
CS61-B	3/16
CS61-C	1/4
CS61-D	5/16
CS61-E	3/8
CS61-F	1/2
CS61-H	5/8
CS61-J	3/4
CS61-M	7/8

FITTINGS ON PAGE 11P

## COMPRESSION CAP



CAT. NO.	TUBE O.D.
61C-CAP	1/4
61E-CAP	3/8
61F-CAP	1/2
61H-CAP	5/8

## 161 - NUT LONG



CAT. NO.	TUBE O.D.
161A	1/8
161B	3/16
161C	1/4
161D	5/16
161E	3/8
161F	1/2
161H	5/8
161J	3/4

## 62 - UNION



CAT. NO.	TUBE O.D.
62A	1/8
62B	3/16
62C	1/4
62D	5/16
62E	3/8
L62F	1/2
62F*	1/2
62G	7/16
L62H	5/8
62H*	5/8
62J	3/4
62M	7/8

\*HEAVY STYLE

## REDUCING



CAT. NO.	TUBE O.D.	TUBE O.D.
62RCA	1/4 X 1/8	
62RCB	1/4 X 3/16	
62RDC	5/16 X 1/4	
62REC	3/8 X 1/4	
62RED	3/8 X 5/16	
L62RFE	1/2 X 3/8	
L62RHE	5/8 X 3/8	
L62RHF	5/8 X 1/2	

## 62L - BULKHEAD UNION TUBE X TUBE



CAT. NO.	TUBE O.D.
62LC	1/4
62LE	3/8

## 460 - SLEEVE

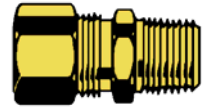


PLASTIC FOR POLYETHYLENE TUBING

CAT. NO.	POLY TUBE O.D.
460C	1/4
460D	5/16
460E	3/8
460F	1/2
460H	5/8

SEE PAGE 13P FOR FITTINGS ASSEMBLED WITH PL. SLEEVE

## 68- MALE 75 CONNECTOR



CAT. NO.	TUBE O.D.	MALE PIPE
68A	1/8 X 1/8	
68B	3/16 X 1/8	
68BB	3/16 X 1/4	
68C	1/4 X 1/8	
68CC	1/4 X 1/4	
68CE	1/4 X 3/8	
68CF	1/4 X 1/2	
68D	5/16 X 1/8	
68DD	5/16 X 1/4	
68DE	5/16 X 3/8	
68DF	5/16 X 1/2	
68E	3/8 X 1/8	
68EE	3/8 X 1/4	
68EEE	3/8 X 3/8	
68EF*	3/8 X 1/2	
75EF**	3/8 X 1/2	
68EJ	3/8 X 3/4	
L68F	1/2 X 3/8	
68F*	1/2 X 3/8	
68FC	1/2 X 1/4	
L68FF	1/2 X 1/2	
68FF*	1/2 X 1/2	
75FF**	1/2 X 1/2	
L68FJ	1/2 X 3/4	
68FJ*	1/2 X 3/4	
68G	7/16 X 1/4	
68GE	7/16 X 3/8	
L68H	5/8 X 1/2	
68H*	5/8 X 1/2	
75H**	5/8 X 1/2	
L68HE	5/8 X 3/8	
75HJ	5/8 X 3/4	
68HJ*	5/8 X 3/4	
68J	3/4 X 1/2	
68JJ	3/4 X 3/4	
68MF	7/8 X 1/2	
68MJ	7/8 X 3/4	
68MN	7/8 X 1"	
CS68NN	1" X 1"	

\* HEAVY STYLE

\*\* SLIP-THRU TANK STYLE

## 60PL - PLUG COMPRESSION



CAT. NO.	TUBE O.D.
60PL-C	1/4
60PL-E	3/8
60PL-F	1/2
60PL-H	5/8

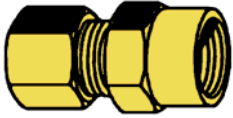
USE IN PLACE OF SLEEVE

TUBE SIZE	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1"
THREAD SIZE	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



# CONTINUED: COMPRESSION BRASS FITTINGS

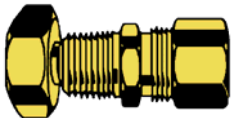
## 66 - FEMALE 77 CONNECTOR



CAT. NO.	TUBE O.D.	FEM. PIPE
66A	1/8 X 1/8	
66B	3/16 X 1/8	
66BB	3/16 X 1/4	
66C	1/4 X 1/8	
66CC	1/4 X 1/4	
66CE	1/4 X 3/8	
66CF	1/4 X 1/2	
66D	5/16 X 1/8	
66DD	5/16 X 1/4	
66DE	5/16 X 3/8	
66E	3/8 X 1/8	
66EE	3/8 X 1/4	
77EEEE**	3/8 X 3/8	
77EF**	3/8 X 1/2	
66EJ	3/8 X 3/4	
77F**	1/2 X 3/8	
66FC	1/2 X 1/4	
77FF**	1/2 X 1/2	
66FJ	1/2 X 3/4	
77H**	5/8 X 1/2	
66HE	5/8 X 3/8	
L66HJ	5/8 X 3/4	
66J	3/4 X 1/2	
66JJ	3/4 X 3/4	
66MF	7/8 X 1/2	
66MJ	7/8 X 3/4	

\* HEAVY STYLE  
\*\* SLIP-THRU TANK STYLE

## 719-68 1/4 MALE COMPRESSION X 3/4 FEM GARDEN HOSE W/WASHER

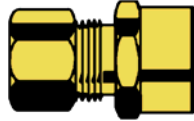


CAT. NO.	TUBE O.D.	FEMALE GDN. HOSE
719-68	1/4 X 3/4	

REFRIGERATOR HOOK-UP

## 77S - SOLDER CONNECTOR

TUBE X SOLDER END  
TANK TYPE



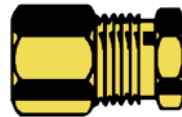
CAT. NO.	TUBE O.D.	SOLDER TUBING O.D.
77SEH	3/8 X 5/8	

## 81L - PILOT LINE CONTROL NUT FOR THERMOSTATS BREAKAWAY SLEEVE



CAT. NO.	TUBE O.D.
81LC	1/4

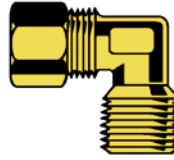
## 67 - PLUG BLOCKS END OF TUBING



CAT. NO.	TUBE O.D.
67C	1/4

FASTEN TO TUBE. CONSISTS OF COMPRESSION NUT & SLEEVE WITH PLUG.

## 69 - MALE ELBOW

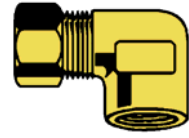


FORGED

CAT. NO.	TUBE O.D.	MALE PIPE
69A*	1/8 X 1/8	
69B*	3/16 X 1/8	
69BB	3/16 X 1/4	
69C*	1/4 X 1/8	
69CC*	1/4 X 1/4	
69CE	1/4 X 3/8	
69CF	1/4 X 1/2	
69D*	5/16 X 1/8	
69DD*	5/16 X 1/4	
69DE	5/16 X 3/8	
69DF	5/16 X 1/2	
69E	3/8 X 1/8	
69EE*	3/8 X 1/4	
69EEE	3/8 X 3/8	
69EF	3/8 X 1/2	
69EJ	3/8 X 3/4	
L69F	1/2 X 3/8	
69F**	1/2 X 3/8	
69FC	1/2 X 1/4	
L69FF	1/2 X 1/2	
69FF**	1/2 X 1/2	
69FJ	1/2 X 3/4	
69G	7/16 X 1/4	
69GE	7/16 X 3/8	
L69H	5/8 X 1/2	
69H**	5/8 X 1/2	
69HE	5/8 X 3/8	
69HJ	5/8 X 3/4	
69J	3/4 X 1/2	
69JJ	3/4 X 3/4	
69MF	7/8 X 1/2	
69MJ	7/8 X 3/4	

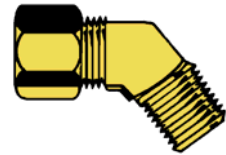
\* BAR STOCK  
\*\* HEAVY STYLE

## 70 - FEMALE ELBOW



CAT. NO.	TUBE O.D.	FEM. PIPE
70A	1/8 X 1/8	
70B	3/16 X 1/8	
70C	1/4 X 1/8	
70CC	1/4 X 1/4	
70CE	1/4 X 3/8	
70CF	1/4 X 1/2	
70D	5/16 X 1/8	
70DD	5/16 X 1/4	
70E	3/8 X 1/8	
70EE	3/8 X 1/4	
70EEE	3/8 X 3/8	
70EF	3/8 X 1/2	
70EJ	3/8 X 3/4	
70F	1/2 X 3/8	
70FC	1/2 X 1/4	
70FF	1/2 X 1/2	
70FJ	1/2 X 3/4	
70H	5/8 X 1/2	
70HE	5/8 X 3/8	
70HJ	5/8 X 3/4	
70J	3/4 X 1/2	
70JJ	3/4 X 3/4	

## 78 -45° MALE ELBOW



CAT. NO.	TUBE O.D.	MALE PIPE
78B	3/16 X 1/8	
78C	1/4 X 1/8	
78CC	1/4 X 1/4	
78D	5/16 X 1/8	
78DD	5/16 X 1/4	
78E	3/8 X 1/8	
78EE	3/8 X 1/4	
78EEE	3/8 X 3/8	
78F	1/2 X 3/8	
78FF	1/2 X 1/2	
78H	5/8 X 1/2	

## 686 - CONVERSION WITH NYLON WASHER



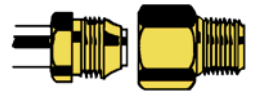
CAT. NO.	FEMALE COMPR.	MALE COMPR.
686EC	3/8 X 1/4	
686FE*	1/2 X 3/8	

\*BODY ONLY CHROME PLATED

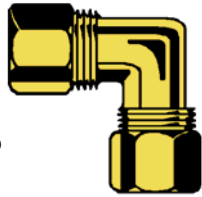




# COMPRESSION / DOUBLE COMPRESSION



## 65 - ELBOW UNION

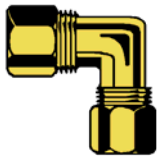


FORGED

CAT. NO.	TUBE O.D.
65A*	1/8
65B	3/16
65C*	1/4
65D*	5/16
65E*	3/8
L65F	1/2
65F**	1/2
L65H	5/8
65H**	5/8
65J	3/4
65M	7/8

\* BAR STOCK  
\*\* HEAVY STYLE

## 65R - REDUCING UNION ELBOW

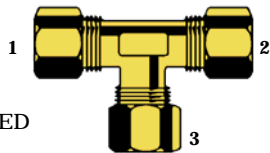


FORGED

### REDUCING SIZES

CAT. NO.	TUBE O.D.	TUBE O.D.
65REC	3/8 X 1/4	
L65RFE	1/2 X 3/8	
L65RHE	5/8 X 3/8	
L65RHF	5/8 X 1/2	

## 64 - TEE



FORGED

CAT. NO.	TUBE O.D. ALL ENDS
64A	1/8
64B	3/16
64C*	1/4
64D	5/16
64E*	3/8
L64F	1/2
64F**	1/2
64G	7/16
L64H	5/8
64H**	5/8
64J	3/4
64M	7/8

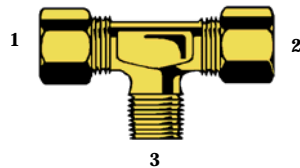
\* BAR STOCK  
\*\* HEAVY STYLE

## 64 - TEE

CONTINUED:  
REDUCING SIZES

CAT. NO.	1	2	3
	TUBE O.D.		
64CCA	1/4 X 1/4 X 1/8		
64CCB	1/4 X 1/4 X 3/16		
64CCE	1/4 X 1/4 X 3/8		
64DDC	5/16 X 5/16 X 1/4		
64ECC	3/8 X 1/4 X 1/4		
64EEC	3/8 X 3/8 X 1/4		
64FFC	1/2 X 1/2 X 1/4		
64FFE	1/2 X 1/2 X 3/8		
64HHC	5/8 X 5/8 X 1/4		
64HHE	5/8 X 5/8 X 3/8		
64HHF	5/8 X 5/8 X 1/2		

## 72 - BRANCH TEE WITH MALE PIPE

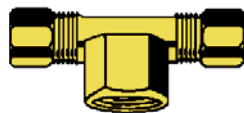


FORGED

CAT. NO.	1&2	3
	TUBE O.D.	MALE PIPE
72A	1/8 X 1/8	
72B	3/16 X 1/8	
72C	1/4 X 1/8	
72CC	1/4 X 1/4	
72D	5/16 X 1/8	
72DD	5/16 X 1/4	
72E	3/8 X 1/8	
72EE	3/8 X 1/4	
72EEE	3/8 X 3/8	
72EF	3/8 X 1/2	
72FC	1/2 X 1/4	
72F	1/2 X 3/8	
72FF	1/2 X 1/2	
72H	5/8 X 1/2	
72J	3/4 X 1/2	
72JJ	3/4 X 3/4	

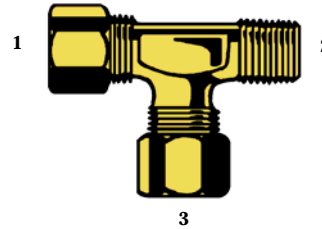
## 72S - TEE

ICE MAKER HUMIDIFIER TEE



CAT. NO.	TUBE O.D.	FEM. PIPE
72SC	1/4 X 1/8	
72SE	3/8 X 1/8	
72SEE	3/8 X 1/4	
72SEEE	3/8 X 3/8	
72SF	1/2 X 3/8	
72SFA	1/2 X 1/8	
72SHA	5/8 X 1/8	

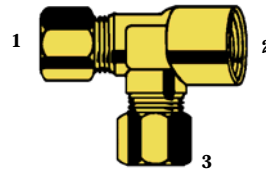
## 71 - MALE RUN TEE



CAT. NO.	1&3	2
	TUBE O.D.	MALE PIPE
71A	1/8 X 1/8	
71B	3/16 X 1/8	
71C	1/4 X 1/8	
71CC	1/4 X 1/4	
71D	5/16 X 1/8	
71DD	5/16 X 1/4	
71E	3/8 X 1/8	
71EE	3/8 X 1/4	
71EEE	3/8 X 3/8	
71F	1/2 X 3/8	
71FF	1/2 X 1/2	
71H	5/8 X 1/2	
71J	3/4 X 1/2	
71JJ	3/4 X 3/4	

## 71S - TEE

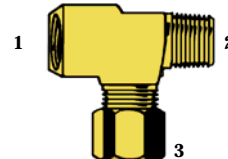
TUBE X FEMALE PIPE X TUBE



CAT. NO.	1&3	2
	TUBE O.D.	FEM. PIPE
71SC	1/4 X 1/8	
71SCC	1/4 X 1/4	

## 76 - TEE

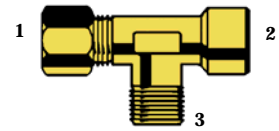
FEMALE X MALE X TUBE



CAT. NO.	1	2	3
	FEM. PIPE	MALE PIPE	TUBE O.D.
76C	1/8 X 1/8 X 1/4		
76CC	1/4 X 1/4 X 1/4		

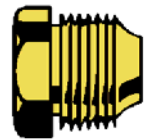
## 76T - TEE

TUBE X FEMALE & MALE PIPE



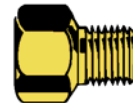
CAT. NO.	1	2	3
	TUBE O.D.	FEM. PIPE	MALE PIPE
76TCAA	1/4 X 1/8 X 1/8		
76TCCC	1/4 X 1/4 X 1/4		

## 11 - DOUBLE COMPRESSION NUT



CAT. NO.	TUBE O.D.
11A	1/8
11B	3/16
11C	1/4

## 12 - DOUBLE COMPRESSION MALE CONNECTOR



CAT. NO.	TUBE O.D.	MALE PIPE
12A	1/8 X 1/8	
12B	3/16 X 1/8	
12BB	3/16 X 1/4	
12C	1/4 X 1/8	

## 6846 - CONVERSION

1/4 FEMALE FLARE X  
1/4 MALE COMPRESSION  
SUPPLIED WITH COPPER GASKET



CAT. NO.	FEMALE FLARE	MALE COMP.
6846C	1/4 X 1/4	

TUBE SIZE	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1"
THREAD SIZE	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

# SURE SEAL "CAPTIVE SLEEVE" HEAVY DUTY BRASS FITTINGS

Used When Greater PSI Is Needed. Use With Copper Or Semi-Rigid Plastic Tubing. Brass Sleeve Is Attached To Nut Allowing For Faster, More Reliable Assembly Than With Standard Compression. Use #461 Insert With Plastic Tubing.

## CS61 - CAPTIVE SLEEVE & NUT BRASS



CAT. NO.	TUBE O.D.
CS61-A	1/8
CS61-B	3/16
CS61-C	1/4
CS61-D	5/16
CS61-E	3/8
CS61-F	1/2
CS61-H	5/8
CS61-J	3/4
CS61-M	7/8

## CS62 - UNION CAPTIVE SLEEVE



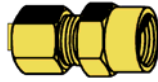
CAT. NO.	TUBE O.D.
CS62A	1/8
CS62B	3/16
CS62C	1/4
CS62D	5/16
CS62E	3/8
CS62F	1/2
CS62H	5/8
CS62J	3/4

## CS68 - MALE CONN. CAPTIVE SLEEVE



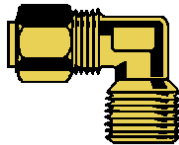
CAT. NO.	TUBE O.D.	MALE PIPE
CS68A	1/8 X 1/8	
CS68B	3/16 X 1/8	
CS68BB	3/16 X 1/4	
CS68C	1/4 X 1/8	
CS68CC	1/4 X 1/4	
CS68CE	1/4 X 3/8	
CS68CF	1/4 X 1/2	
CS68D	5/16 X 1/8	
CS68DD	5/16 X 1/4	
CS68E	3/8 X 1/8	
CS68EE	3/8 X 1/4	
CS68EEE	3/8 X 3/8	
CS68EF	3/8 X 1/2	
CS68EJ	3/8 X 3/4	
CS68F	1/2 X 3/8	
CS68FC	1/2 X 1/4	
CS68FF	1/2 X 1/2	
CS68FJ	1/2 X 3/4	
CS68H	5/8 X 1/2	
CS68HE	5/8 X 3/8	
CS68HJ	5/8 X 3/4	
CS68J	3/4 X 1/2	
CS68JJ	3/4 X 3/4	
CS68NN	1" X 1"	

## CS66 - FEMALE CONNECTOR CAPTIVE SLEEVE



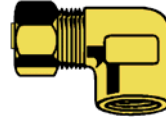
CAT. NO.	TUBE O.D.	FEM. PIPE
CS66A	1/8 X 1/8	
CS66B	3/16 X 1/8	
CS66C	1/4 X 1/8	
CS66CC	1/4 X 1/4	
CS66CE	1/4 X 3/8	
CS66D	5/16 X 1/8	
CS66DD	5/16 X 1/4	
CS66E	3/8 X 1/8	
CS66EE	3/8 X 1/4	
CS66EEE	3/8 X 3/8	
CS66EF	3/8 X 1/2	
CS66EJ	3/8 X 3/4	
CS66F	1/2 X 3/8	
CS66FF	1/2 X 1/2	
CS66FJ	1/2 X 3/4	
CS66H	5/8 X 1/2	
CS66HJ	5/8 X 3/4	
CS66J	3/4 X 1/2	
CS66JJ	3/4 X 3/4	

## CS69 - MALE ELBOW CAPTIVE SLEEVE



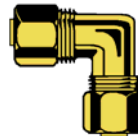
CAT. NO.	TUBE O.D.	MALE PIPE
CS69A	1/8 X 1/8	
CS69B	3/16 X 1/8	
CS69BB	3/16 X 1/4	
CS69C	1/4 X 1/8	
CS69CC	1/4 X 1/4	
CS69CE	1/4 X 3/8	
CS69CF	1/4 X 1/2	
CS69D	5/16 X 1/8	
CS69DD	5/16 X 1/4	
CS69DE	5/16 X 3/8	
CS69E	3/8 X 1/8	
CS69EE	3/8 X 1/4	
CS69EEE	3/8 X 3/8	
CS69EF	3/8 X 1/2	
CS69EJ	3/8 X 3/4	
CS69F	1/2 X 3/8	
CS69FC	1/2 X 1/4	
CS69FF	1/2 X 1/2	
CS69FJ	1/2 X 3/4	
CS69H	5/8 X 1/2	
CS69HE	5/8 X 3/8	
CS69HJ	5/8 X 3/4	
CS69J	3/4 X 1/2	
CS69JJ	3/4 X 3/4	

## CS70 - FEM. ELBOW CAPTIVE SLEEVE



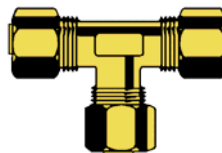
CAT. NO.	TUBE O.D.	FEM. PIPE
CS70A	1/8 X 1/8	
CS70B	3/16 X 1/8	
CS70C	1/4 X 1/8	
CS70CC	1/4 X 1/4	
CS70CE	1/4 X 3/8	
CS70E	3/8 X 1/8	
CS70EE	3/8 X 1/4	
CS70EEE	3/8 X 3/8	
CS70EF	3/8 X 1/2	
CS70F	1/2 X 3/8	
CS70FF	1/2 X 1/2	
CS70H	5/8 X 1/2	
CS70HJ	5/8 X 3/4	
CS70J	3/4 X 1/2	
CS70JJ	3/4 X 3/4	

## CS65 - ELBOW UNION CAPTIVE SLEEVE



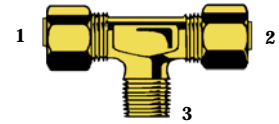
CAT. NO.	TUBE O.D.
CS65A	1/8
CS65B	3/16
CS65C	1/4
CS65D	5/16
CS65E	3/8
CS65F	1/2
CS65H	5/8
CS65J	3/4

## CS64 - TEE CAPTIVE SLEEVE



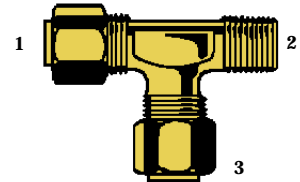
CAT. NO.	TUBE O.D.
CS64A	1/8
CS64B	3/16
CS64C	1/4
CS64D	5/16
CS64E	3/8
CS64F	1/2
CS64H	5/8
CS64J	3/4

## CS72 - TEE WITH MALE PIPE CAPTIVE SLEEVE



CAT. NO.	TUBE O.D.	MALE PIPE
CS72A	1/8 X 1/8	
CS72B	3/16 X 1/8	
CS72C	1/4 X 1/8	
CS72CC	1/4 X 1/4	
CS72D	5/16 X 1/8	
CS72DD	5/16 X 1/4	
CS72E	3/8 X 1/8	
CS72EE	3/8 X 1/4	
CS72EEE	3/8 X 3/8	
CS72EF	3/8 X 1/2	
CS72F	1/2 X 3/8	
CS72FF	1/2 X 1/2	
CS72H	5/8 X 1/2	
CS72J	3/4 X 1/2	
CS72JJ	3/4 X 3/4	

## CS71 - MALE RUN TEE CAPTIVE SLEEVE




CAT. NO.	TUBE O.D.	MALE PIPE
CS71A	1/8 X 1/8	
CS71B	3/16 X 1/8	
CS71C	1/4 X 1/8	
CS71CC	1/4 X 1/4	
CS71D	5/16 X 1/8	
CS71DD	5/16 X 1/4	
CS71E	3/8 X 1/8	
CS71EE	3/8 X 1/4	
CS71EEE	3/8 X 3/8	
CS71F	1/2 X 3/8	
CS71FF	1/2 X 1/2	
CS71H	5/8 X 1/2	
CS71J	3/4 X 1/2	
CS71JJ	3/4 X 3/4	

# STAstrate COMPRESSION SLEEVE FITTINGS

Stastrate Brass Sleeves Are Designed Not To "Tilt" When Tightened Down.  
 Stastrate Assemblies Are Recommended For Use With Copper Or Plastic Tubing.  
 #461 Insert Required When Using Poly Tubing




**860 - SLEEVE**  
STAstrate




CAT. NO.	TUBE O.D.
860A	1/8
860B	3/16
860C	1/4
860D	5/16
860E	3/8
860F	1/2
860H	5/8

**866 - FEMALE CONNECTOR**  
STAstrate SLEEVE



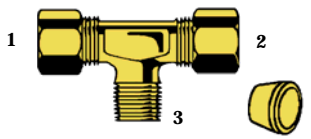
CAT. NO.	TUBE O.D.	FEM. PIPE
866A	1/8 X 1/8	
866B	3/16 X 1/8	
866BB	3/16 X 1/4	
866C	1/4 X 1/8	
866CC	1/4 X 1/4	
866CE	1/4 X 3/8	
866D	5/16 X 1/8	
866DD	5/16 X 1/4	
866E	3/8 X 1/8	
866EE	3/8 X 1/4	
866EEE	3/8 X 3/8	
866EF	3/8 X 1/2	
866FC	1/2 X 1/4	
866F	1/2 X 3/8	
866FF	1/2 X 1/2	
866FJ	1/2 X 3/4	
866H	5/8 X 1/2	
866HJ	5/8 X 3/4	

**870 - FEM. ELBOW**  
STAstrate SLEEVE




CAT. NO.	TUBE O.D.	FEM. PIPE
870A	1/8 X 1/8	
870B	3/16 X 1/8	
870C	1/4 X 1/8	
870CC	1/4 X 1/4	
870CE	1/4 X 3/8	
870D	5/16 X 1/8	
870DD	5/16 X 1/4	
870E	3/8 X 1/8	
870EE	3/8 X 1/4	
870EEE	3/8 X 3/8	
870EF	3/8 X 1/2	
870EJ	3/8 X 3/4	
870FC	1/2 X 1/4	
870F	1/2 X 3/8	
870FF	1/2 X 1/2	
870FJ	1/2 X 3/4	
870H	5/8 X 1/2	
870HJ	5/8 X 3/4	

**872 - TEE**  
WITH MALE PIPE  
STAstrate SLEEVE




CAT. NO.	TUBE O.D.	MALE PIPE
872A	1/8 X 1/8	
872B	3/16 X 1/8	
872C	1/4 X 1/8	
872CC	1/4 X 1/4	
872E	3/8 X 1/8	
872EE	3/8 X 1/4	
872EEE	3/8 X 3/8	
872F	1/2 X 3/8	
872FF	1/2 X 1/2	
872H	5/8 X 1/2	

**861 - NUT**  
STAstrate



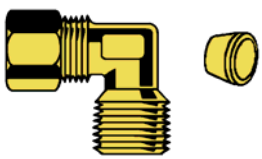
CAT. NO.	TUBE O.D.
861A	1/8
861B	3/16
861C	1/4
861D	5/16
861E	3/8
861F	1/2
861H	5/8

**862 - UNION**  
STAstrate SLEEVE



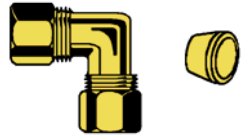
CAT. NO.	TUBE O.D.
862A	1/8
862B	3/16
862C	1/4
862D	5/16
862E	3/8
862F	1/2
862H	5/8

**869 - MALE ELBOW**  
STAstrate SLEEVE




CAT. NO.	TUBE O.D.	MALE PIPE
869A	1/8 X 1/8	
869B	3/16 X 1/8	
869BB	3/16 X 1/4	
869C	1/4 X 1/8	
869CC	1/4 X 1/4	
869CE	1/4 X 3/8	
869D	5/16 X 1/8	
869DD	5/16 X 1/4	
869E	3/8 X 1/8	
869EE	3/8 X 1/4	
869EEE	3/8 X 3/8	
869EF	3/8 X 1/2	
869EJ	3/8 X 3/4	
869F	1/2 X 3/8	
869FC	1/2 X 1/4	
869FF	1/2 X 1/2	
869FJ	1/2 X 3/4	
869H	5/8 X 1/2	
869HJ	5/8 X 3/4	

**865 - ELBOW UNION**  
STAstrate SLEEVE




CAT. NO.	TUBE O.D.
865A	1/8
865B	3/16
865C	1/4
865D	5/16
865E	3/8
865F	1/2
865H	5/8

**871 - MALE RUN TEE**  
STAstrate SLEEVE



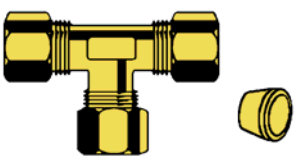
CAT. NO.	TUBE O.D.	MALE PIPE
871A	1/8 X 1/8	
871B	3/16 X 1/8	
871C	1/4 X 1/8	
871CC	1/4 X 1/4	
871D	5/16 X 1/8	
871DD	5/16 X 1/4	
871E	3/8 X 1/8	
871EE	3/8 X 1/4	
871EEE	3/8 X 3/8	
871F	1/2 X 3/8	
871FF	1/2 X 1/2	
871H	5/8 X 1/2	

**868 - MALE CONN.**  
STAstrate SLEEVE



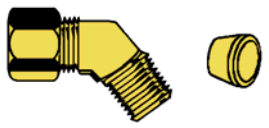
CAT. NO.	TUBE O.D.	MALE PIPE
868A	1/8 X 1/8	
868B	3/16 X 1/8	
868BB	3/16 X 1/4	
868C	1/4 X 1/8	
868CC	1/4 X 1/4	
868CE	1/4 X 3/8	
868CF	1/4 X 1/2	
868D	5/16 X 1/8	
868DD	5/16 X 1/4	
868E	3/8 X 1/8	
868EE	3/8 X 1/4	
868EEE	3/8 X 3/8	
868EF	3/8 X 1/2	
868EJ	3/8 X 3/4	
868F	1/2 X 3/8	
868FC	1/2 X 1/4	
868FF	1/2 X 1/2	
868FJ	1/2 X 3/4	
868H	5/8 X 1/2	
868HJ	5/8 X 3/4	

**864 - TEE**  
STAstrate SLEEVE



CAT. NO.	TUBE O.D.
864A	1/8
864B	3/16
864C	1/4
864D	5/16
864E	3/8
864F	1/2
864H	5/8

**878 - 45° M. ELBOW**  
STAstrate SLEEVE



CAT. NO.	POLY TUBE O.D.	MALE PIPE
878C	1/4 X 1/8	
878CC	1/4 X 1/4	
878EE	3/8 X 1/4	
878EEE	3/8 X 3/8	
878F	1/2 X 3/8	
878FF	1/2 X 1/2	
878H	5/8 X 1/2	

TUBE SIZE	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1"
THREAD SIZE	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



# COMPRESSION BRASS FITTINGS FOR "POLYETHYLENE TUBING"

ASSEMBLED WITH LOOSE PLASTIC SLEEVE & LOOSE BRASS INSERT

## 460 - SLEEVE



PLASTIC FOR  
POLYETHYLENE  
TUBING

CAT. NO.	POLY TUBE O.D.
460C	1/4
460D	5/16
460E	3/8
460F	1/2
460H	5/8

## 461 - INSERT BRASS TUBE SUPPORT



CAT. NO.	TUBING O.D.	FITTING O.D.
461A-80	1/8"	.080
461A-0*	1/8"	.073
461BS	3/16"	.135
461B-80	3/16"	.095
461B-0	3/16"	.110
461C	1/4"	.163
461D	5/16"	.187
461DS*	5/16"	.232
461E	3/8"	.250
461F	1/2"	.370
461H	5/8"	.470
TH461H*	5/8"	.434
461J	3/4"	.559

\* FOR A/B TUBING

## 462 - UNION



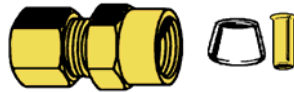
CAT. NO.	POLY TUBE O.D.
462C	1/4
462D	5/16
462E	3/8
462F	1/2
462H	5/8

## 468 - MALE CONNECTOR



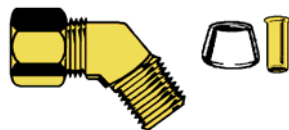
CAT. NO.	POLY TUBE O.D.	MALE PIPE
468C	1/4 X 1/8	
468CC	1/4 X 1/4	
468D	5/16 X 1/8	
468DD	5/16 X 1/4	
468E	3/8 X 1/8	
468EE	3/8 X 1/4	
468EEE	3/8 X 3/8	
468EF	3/8 X 1/2	
468EJ	3/8 X 3/4	
468F	1/2 X 3/8	
468FF	1/2 X 1/2	
468FJ	1/2 X 3/4	
468H	5/8 X 1/2	
468HJ	5/8 X 3/4	

## 466 - FEMALE CONNECTOR



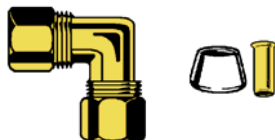
CAT. NO.	POLY TUBE O.D.	FEM. PIPE
466C	1/4 X 1/8	
466CC	1/4 X 1/4	
466CE	1/4 X 3/8	
466D	5/16 X 1/8	
466DD	5/16 X 1/4	
466E	3/8 X 1/8	
466EE	3/8 X 1/4	
466EEE	3/8 X 3/8	
466EF	3/8 X 1/2	
466EJ	3/8 X 3/4	
466F	1/2 X 3/8	
466FF	1/2 X 1/2	
466FJ	1/2 X 3/4	
466H	5/8 X 1/2	
466HJ	5/8 X 3/4	

## 478 - 45° MALE ELBOW



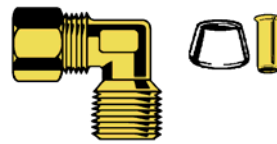
CAT. NO.	POLY TUBE O.D.	MALE PIPE
478C	1/4 X 1/8	
478CC	1/4 X 1/4	
478D	5/16 X 1/8	
478DD	5/16 X 1/4	
478E	3/8 X 1/8	
478EE	3/8 X 1/4	
478EEE	3/8 X 3/8	
478F	1/2 X 3/8	
478FF	1/2 X 1/2	
478H	5/8 X 1/2	

## 465 - UNION ELBOW



CAT. NO.	POLY TUBE O.D.
465C	1/4
465D	5/16
465E	3/8
465F	1/2
465H	5/8

## 469 - MALE ELBOW



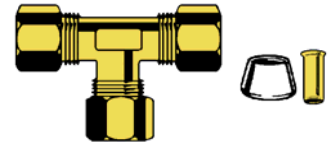
CAT. NO.	POLY TUBE O.D.	MALE PIPE
469C	1/4 X 1/8	
469CC	1/4 X 1/4	
469CE	1/4 X 3/8	
469CF	1/4 X 1/2	
469D	5/16 X 1/8	
469DD	5/16 X 1/4	
469DE	5/16 X 3/8	
469DF	5/16 X 1/2	
469E	3/8 X 1/8	
469EE	3/8 X 1/4	
469EEE	3/8 X 3/8	
469EF	3/8 X 1/2	
469EJ	3/8 X 3/4	
469F	1/2 X 3/8	
469FC	1/2 X 1/4	
469FF	1/2 X 1/2	
469FJ	1/2 X 3/4	
469H	5/8 X 1/2	
469HE	5/8 X 3/8	
469HJ	5/8 X 3/4	

## 470 - FEMALE ELBOW



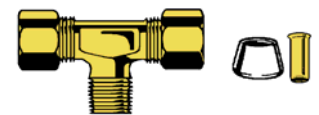
CAT. NO.	POLY TUBE O.D.	FEM. PIPE
470C	1/4 X 1/8	
470CC	1/4 X 1/4	
470CE	1/4 X 3/8	
470CF	1/4 X 1/2	
470D	5/16 X 1/8	
470DD	5/16 X 1/4	
470E	3/8 X 1/8	
470EE	3/8 X 1/4	
470EEE	3/8 X 3/8	
470EF	3/8 X 1/2	
470EJ	3/8 X 3/4	
470F	1/2 X 3/8	
470FC	1/2 X 1/4	
470FF	1/2 X 1/2	
470FJ	1/2 X 3/4	
470H	5/8 X 1/2	
470HE	5/8 X 3/8	
470HJ	5/8 X 3/4	

## 464 - TEE



CAT. NO.	POLY TUBE O.D.
464C	1/4
464D	5/16
464E	3/8
464F	1/2
464H	5/8

## 472 - BRANCH TEE



CAT. NO.	POLY TUBE O.D.	MALE PIPE
472C	1/4 X 1/8	
472CC	1/4 X 1/4	
472D	5/16 X 1/8	
472DD	5/16 X 1/4	
472E	3/8 X 1/8	
472EE	3/8 X 1/4	
472EEE	3/8 X 3/8	
472EF	3/8 X 1/2	
472FC	1/2 X 1/4	
472F	1/2 X 3/8	
472FF	1/2 X 1/2	
472H	5/8 X 1/2	

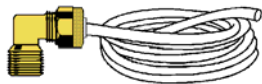
## 471 - MALE RUN TEE



CAT. NO.	POLY TUBE O.D.	MALE PIPE
471C	1/4 X 1/8	
471CC	1/4 X 1/4	
471D	5/16 X 1/8	
471DD	5/16 X 1/4	
471E	3/8 X 1/8	
471EE	3/8 X 1/4	
471EEE	3/8 X 3/8	
471F	1/2 X 3/8	
471FF	1/2 X 1/2	
471H	5/8 X 1/2	



# POLY-GRASP BRASS FITTINGS FOR POLY TUBING W/CAPTIVE SLEEVE



Brass nut (#PG6160) contains captive plastic sleeve.  
Body has built-in brass insert.

## PG60 - PLASTIC SLEEVE



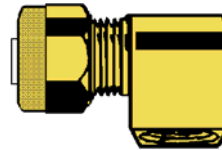
CAT. NO.	POLY TUBE O.D.
PG60C	1/4
PG60D	5/16
PG60E	3/8
PG60F	1/2

## PG68 - MALE CONNECTOR



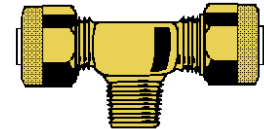
CAT. NO.	POLY TUBE O.D.	MALE PIPE
CS68A*	1/8 X 1/8	
CS68B*	3/16 X 1/8	
PG68C	1/4 X 1/8	
PG68CC	1/4 X 1/4	
PG68CE	1/4 X 3/8	
PG68D	5/16 X 1/8	
PG68DD	5/16 X 1/4	
PG68E	3/8 X 1/8	
PG68EE	3/8 X 1/4	
PG68EEE	3/8 X 3/8	
PG68F	1/2 X 3/8	

## PG70 - FEMALE 90° ELBOW



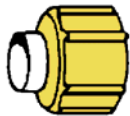
CAT. NO.	POLY TUBE O.D.	FEMALE PIPE
CS70A*	1/8 X 1/8	
CS70B*	3/16 X 1/8	
PG70C	1/4 X 1/8	
PG70CC	1/4 X 1/4	
PG70EE	3/8 X 1/4	
PG70F	1/2 X 3/8	

## PG72 - MALE BRANCH TEE



CAT. NO.	POLY TUBE O.D.	MALE PIPE
CS72A*	1/8 X 1/8	
CS72B*	3/16 X 1/8	
PG72C	1/4 X 1/8	
PG72CC	1/4 X 1/4	
PG72D	5/16 X 1/8	
PG72E	3/8 X 1/8	
PG72EE	3/8 X 1/4	
PG72F	1/2 X 3/8	

## PG6160 - BRASS NUT & PLASTIC SLEEVE ASSEMBLED



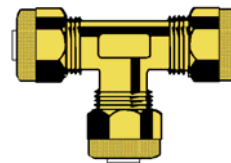
CAT. NO.	POLY TUBE O.D.
CS61-A*	1/8
CS61-B*	3/16
PG6160C	1/4
PG6160E	3/8
PG6160F	1/2

## PG66 - FEMALE CONNECTOR



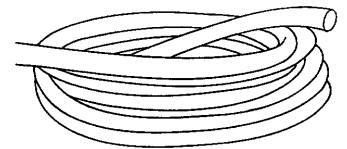
CAT. NO.	POLY TUBE O.D.	FEMALE PIPE
CS66A*	1/8 X 1/8	
CS66B*	3/16 X 1/8	
PG66C	1/4 X 1/8	
PG66CC	1/4 X 1/4	
PG66D	5/16 X 1/8	
PG66DD	5/16 X 1/4	
PG66E	3/8 X 1/8	
PG66EE	3/8 X 1/4	
PG66F	1/2 X 3/8	

## PG64 - TEE



CAT. NO.	POLY TUBE O.D.
CS64A*	1/8
CS64B*	3/16
PG64C	1/4
PG64D	5/16
PG64E	3/8
PG64F	1/2

## PT - POLYETHYLENE TUBING



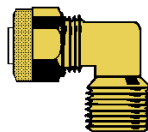
FDA APPROVED. SOLD IN 100FT COILS (NOT RECOMMENDED FOR NATURAL GAS)  
COLOR: NATURAL  
ORDER PER COIL

## PG61 - BRASS NUT



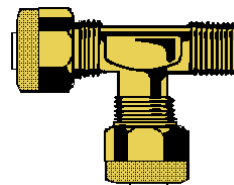
CAT. NO.	POLY TUBE O.D.
PG61C	1/4
PG61D	5/16
PG61E	3/8
PG61F	1/2

## PG69 - MALE 90° ELBOW



CAT. NO.	POLY TUBE O.D.	MALE PIPE
CS69A*	1/8 X 1/8	
CS69B*	3/16 X 1/8	
PG69C	1/4 X 1/8	
PG69CC	1/4 X 1/4	
PG69CE	1/4 X 3/8	
PG69D	5/16 X 1/8	
PG69E	3/8 X 1/8	
PG69EE	3/8 X 1/4	
PG69EEE	3/8 X 3/8	
PG69F	1/2 X 3/8	

## PG71 - MALE RUN TEE



CAT. NO.	POLY TUBE O.D.	MALE PIPE
CS71A*	1/8 X 1/8	
CS71B*	3/16 X 1/8	
PG71C	1/4 X 1/8	
PG71CC	1/4 X 1/4	
PG71D	5/16 X 1/8	
PG71EE	3/8 X 1/4	
PG71F	1/2 X 3/8	

CAT. NO.	TUBE O.D.	TUBE I.D.	WALL THICK	MAX PRESSURE AT 70°F
PT100C	1/4	.170	.040	130 PSI
PT100D	5/16	3/16	.062	130 PSI
PT100E	3/8	1/4	.062	130 PSI
PT100F	1/2	3/8	.062	80 PSI
PT100H	5/8	1/2	.062	70 PSI
PT100J	3/4	1/2	1/8	100 PSI

## PG62 - UNION



CAT. NO.	POLY TUBE O.D.
CS62A*	1/8
CS62B*	3/16
PG62C	1/4
PG62D	5/16
PG62E	3/8
PG62F	1/2

# POLY PUSH "BRASS" FITTINGS

**NOT FOR TRUCK USE**  
**SEE PAGE 23P**

## PP62 - UNION

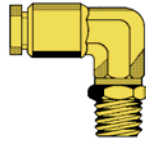


CAT. NO.	TUBE O.D.
PP62A	1/8
PP62AA	5/32
PP62B	3/16
PP62C	1/4
PP62D	5/16
PP62E	3/8
PP62F	1/2

**UNION BULKHEAD**

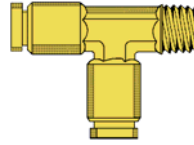
CAT. NO.	TUBE O.D.
PP62LA	1/8
PP62LAA	5/32
PP62LC	1/4
PP62LE	3/8
PP62LF	1/2

## PP69S - SWIVEL ELBOW



CAT. NO.	TUBE O.D.	MALE PIPE
PP69SA	1/8X1/8	
PP69SAA	5/32X1/8	
PP69SAAC	5/32X1/4	
PP69SB	3/16X1/8	
PP69SC	1/4X1/8	
PP69SCC	1/4X1/4	
PP69SCE	1/4X3/8	
PP69SD	5/16X1/8	
PP69SDD	5/16X1/4	
PP69SDE	5/16X3/8	
PP69SE	3/8X1/8	
PP69SEE	3/8X1/4	
PP69SEEE	3/8X3/8	
PP69SEF	3/8X1/2	
PP69SF	1/2X3/8	
PP69SFF	1/2X1/2	

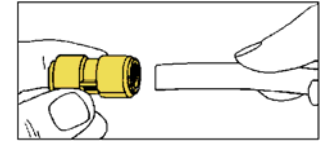
## PP71 - MALE RUN TEE



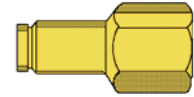
CAT. NO.	TUBE O.D.	MALE PIPE
PP71A	1/8X1/8	
PP71AA	5/32X1/8	
PP71B	3/16X1/8	
PP71C	1/4X1/8	
PP71CC	1/4X1/4	
PP71E	3/8X1/8	
PP71EE	3/8X1/4	
PP71EEE	3/8X3/8	
PP71F	1/2X3/8	

## PP71S - SWIVEL

CAT. NO.	TUBE O.D.	MALE PIPE
PP71SC	1/4X1/8	
PP71SCC	1/4X1/4	
PP71SEE	3/8X1/4	
PP71SEEE	3/8X3/8	
PP71SF	1/2X3/8	
PP71SFF	1/2X1/2	



## PP66 - FEMALE CONNECTOR



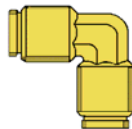
CAT. NO.	TUBE O.D.	FEM. PIPE
PP66A	1/8X1/8	
PP66C	1/4X1/8	
PP66CC	1/4X1/4	
PP66EE	3/8X1/4	
PP66EEE	3/8X3/8	

## PP68 - MALE CONNECTOR



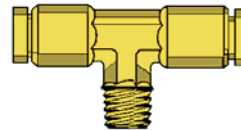
CAT. NO.	TUBE O.D.	MALE PIPE
PP68AS	1/8 X 1/16	
PP68A	1/8 X 1/8	
PP68AA	5/32 X 1/8	
PP68AAC	5/32 X 1/4	
PP68AAA	5/32X10/32	
PP68B	3/16 X 1/8	
PP68C	1/4 X 1/8	
PP68CC	1/4 X 1/4	
PP68CE	1/4 X 3/8	
PP68D	5/16 X 1/8	
PP68DD	5/16 X 1/4	
PP68E	3/8 X 1/8	
PP68EE	3/8 X 1/4	
PP68EEEE	3/8 X 3/8	
PP68EF	3/8 X 1/2	
PP68FC	1/2 X 1/4	
PP68F	1/2 X 3/8	
PP68FF	1/2 X 1/2	

## PP65 - UNION ELBOW



CAT. NO.	TUBE O.D.
PP65A	1/8
PP65AA	5/32
PP65C	1/4
PP65E	3/8
PP65F	1/2

## PP72 - MALE BRANCH TEE



CAT. NO.	TUBE O.D.	MALE PIPE
PP72A	1/8X1/8	
PP72AA	5/32X1/8	
PP72B	3/16X1/8	
PP72C	1/4X1/8	
PP72CC	1/4X1/4	
PP72E	3/8X1/8	
PP72EE	3/8X1/4	
PP72EEE	3/8X3/8	
PP72F	1/2X3/8	

## PP72S - SWIVEL

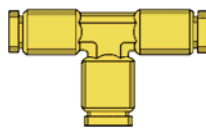
CAT. NO.	TUBE O.D.	MALE PIPE
PP72SAA	5/32X1/8	
PP72SC	1/4X1/8	
PP72SCC	1/4X1/4	
PP72SEE	3/8X1/4	
PP72SEEE	3/8X3/8	
PP72SF	1/2X3/8	
PP72SFF	1/2X1/2	

## PP69 - MALE ELBOW



CAT. NO.	TUBE O.D.	MALE PIPE
PP69A	1/8 X 1/8	
PP69AA	5/32 X 1/8	
PP69B	3/16 X 1/8	
PP69C	1/4 X 1/8	
PP69CC	1/4 X 1/4	
PP69CE	1/4 X 3/8	
PP69E	3/8 X 1/8	
PP69EE	3/8 X 1/4	
PP69EEEE	3/8 X 3/8	
PP69FC	1/2 X 1/4	
PP69F	1/2 X 3/8	
PP69FF	1/2 X 1/2	

## PP64 - TEE



CAT. NO.	TUBE O.D.
PP64A	1/8
PP64AA	5/32
PP64B	3/16
PP64C	1/4
PP64E	3/8
PP64F	1/2

TO INSTALL: CUT TUBING SQUARELY. INSERT TUBING INTO FITTING UNTIL TUBE BOTTOMS FIRMLY. TO REMOVE: HOLD BACK RELEASE RING AND WITHDRAW THE TUBING.

REUSEABLE, CONNECT & DISCONNECT NUMEROUS TIMES AND GET SAME POSITIVE SEAL.

BRASS BODY & INSERT BUNA-N "O" RING

WORKING PSI UP TO MAX. PSI OF PLASTIC TUBE. FOR SOFT COPPER TUBE, MAX. OF 750 PSI IS RECOMMENDED

WORKING TEMPERATURE OF FITTING -10° TO +200°F.

NOTE: DO NOT USE ON VINYL OR OTHER SOFT PLASTIC TUBING. NOT FOR AIR BRAKE USE. SEE PAGE 23P FOR DOT FITTINGS


**FOR USE WITH  
POLYETHYLENE  
OR SOFT  
COPPER TUBING**

# D.O.T. AIR BRAKE BRASS FITTINGS FOR NYLON TRUCK TUBING. (SAEJ844)



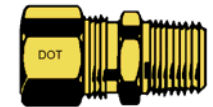
### TH260 - SLEEVE

**BRASS**



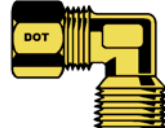
CAT. NO.	TUBE O.D.
TH260B	3/16
TH260C	1/4
TH260E	3/8
TH260F	1/2
TH260H	5/8
TH260J	3/4

### TH268 - MALE CONNECTOR



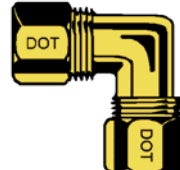
CAT. NO.	TUBE O.D.	MALE PIPE
TH268BS	3/16 X 1/16	
TH268B	3/16 X 1/8	
TH268BB	3/16 X 1/4	
TH268C	1/4 X 1/8	
TH268CS	1/4 X 1/16	
TH268CC	1/4 X 1/4	
TH268CE	1/4 X 3/8	
TH268E	3/8 X 1/8	
TH268EE	3/8 X 1/4	
TH268EEE	3/8 X 3/8	
TH268EF	3/8 X 1/2	
TH268FC	1/2 X 1/4	
TH268F	1/2 X 3/8	
TH268FF	1/2 X 1/2	
TH268FJ	1/2 X 3/4	
TH268HE	5/8 X 3/8	
TH268H	5/8 X 1/2	
TH268HJ	5/8 X 3/4	
TH268J	3/4 X 1/2	
TH268JJ	3/4 X 3/4	

### TH269 - MALE ELBOW




CAT. NO.	TUBE O.D.	MALE PIPE
TH269B	3/16 X 1/8	
TH269BB	3/16 X 1/4	
TH269C	1/4 X 1/8	
TH269CC	1/4 X 1/4	
TH269CE	1/4 X 3/8	
TH269E	3/8 X 1/8	
TH269EE	3/8 X 1/4	
TH269EEE	3/8 X 3/8	
TH269EF	3/8 X 1/2	
TH269FC	1/2 X 1/4	
TH269F	1/2 X 3/8	
TH269FF	1/2 X 1/2	
TH269HE	5/8 X 3/8	
TH269H	5/8 X 1/2	
TH269HJ	5/8 X 3/4	
TH269J	3/4 X 1/2	
TH269JJ	3/4 X 3/4	

### TH265 - ELBOW



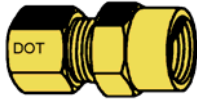
CAT. NO.	TUBE O.D.
TH265C	1/4
TH265E	3/8
TH265F	1/2
TH265H	5/8

### TH261 - NUT



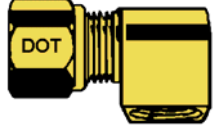
CAT. NO.	TUBE O.D.
TH261B	3/16
TH261C	1/4
TH261E	3/8
TH261F	1/2
TH261H	5/8
TH261J	3/4

### TH266 - FEMALE CONNECTOR




CAT. NO.	TUBE O.D.	FEMALE PIPE
TH266C	1/4 X 1/8	
TH266CC	1/4 X 1/4	
TH266E	3/8 X 1/8	
TH266EE	3/8 X 1/4	
TH266EEE	3/8 X 3/8	
TH266F	1/2 X 3/8	
TH266FF	1/2 X 1/2	
TH266HE	5/8 X 3/8	
TH266H	5/8 X 1/2	

### TH270 - FEMALE ELBOW



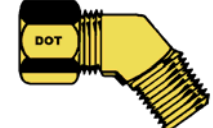
CAT. NO.	TUBE O.D.	FEMALE PIPE
TH270C	1/4 X 1/8	
TH270CC	1/4 X 1/4	
TH270EE	3/8 X 1/4	
TH270EEE	3/8 X 3/8	
TH270F	1/2 X 3/8	
TH270FF	1/2 X 1/2	
TH270H	5/8 X 1/2	

### TH262 - UNION



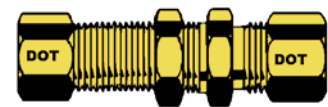
CAT. NO.	TUBE O.D.
TH262C	1/4
TH262E	3/8
TH262F	1/2
TH262H	5/8
TH262J	3/4

### TH278 - 45° ELBOW



CAT. NO.	TUBE O.D.	MALE PIPE
TH278C	1/4 X 1/8	
TH278CC	1/4 X 1/4	
TH278E	3/8 X 1/8	
TH278EE	3/8 X 1/4	
TH278EEE	3/8 X 3/8	
TH278EF	3/8 X 1/2	
TH278F	1/2 X 3/8	
TH278FF	1/2 X 1/2	
TH278H	5/8 X 1/2	
TH278J	3/4 X 1/2	

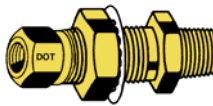
### TH262L - BULK-HEAD UNION



CAT. NO.	TUBE O.D.
TH262LC	1/4
TH262LE	3/8
TH262LF	1/2
TH262LH	5/8

### TH396 - BULKHEAD AIR BRAKE COUPLING

WITH NYLON TRUCK AIR-BRAKE CONNECTOR



CAT. NO.	TUBE O.D.	FEMALE PIPE THD.	OVERALL LENGTH
TH396-66	3/8	3/8	1.50"
TH396-86	1/2	3/8	1.56"

### TH100 - D.O.T. NYLON AIR BRAKE TUBING (SAEJ844) 150 PSI 100' BLACK COILS ORDER BY COIL NOT LENGTH

CAT. NO.	TUBE O.D.
TH100A	1/8
TH100AA	5/32
TH100C	1/4
TH100D	5/16
TH100E	3/8
TH100F	1/2
TH100H	5/8
TH100J	3/4

500' COILS

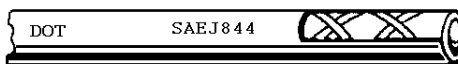
TH500E	3/8
TH500F	1/2

1000' COILS

TH1000A	1/8
TH1000AA	5/32
TH1000C	1/4

### NYLON AIR BRAKE TUBING

TEMP RANGE: -40°F TO 200°F



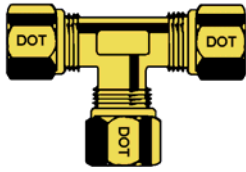
DOT SAEJ844

TUBE SIZE	3/16	1/4	3/8	1/2	5/8	3/4
THREAD SIZE	5/16-24	7/16-24	17/32-24	11/16-20	13/16-18	1-18

CONTINUED:

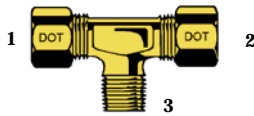
## D.O.T. AIR BRAKE BRASS FITTINGS FOR NYLON TRUCK TUBING. (SAEJ844)

### TH264 - TEE



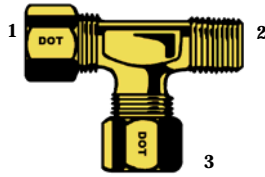
CAT. NO.	TUBE O.D.
TH264C	1/4
TH264E	3/8
TH264F	1/2
TH264H	5/8

### TH272 - TEE MALE BRANCH



CAT. NO.	TUBE O.D.		MALE PIPE
	1&2	3	
TH272C	1/4 X 1/8		
TH272CC	1/4 X 1/4		
TH272E	3/8 X 1/8		
TH272EE	3/8 X 1/4		
TH272EEE	3/8 X 3/8		
TH272FC	1/2 X 1/4		
TH272F	1/2 X 3/8		
TH272FF	1/2 X 1/2		
TH272H	5/8 X 1/2		

### TH271 - TEE MALE PIPE RUN



CAT. NO.	TUBE O.D.		MALE PIPE
	1&3	2	
TH271C	1/4 X 1/8		
TH271CC	1/4 X 1/4		
TH271EE	3/8 X 1/4		
TH271EEE	3/8 X 3/8		
TH271F	1/2 X 3/8		
TH271FF	1/2 X 1/2		
TH271H	5/8 X 1/2		

### TH461 - STAINLESS STEEL INSERTS FOR D.O.T. TRUCK AIR BRAKE NYLON TUBING (SAEJ844)



CAT. NO.	TUBING INSERT O.D.	
	O.D.	O.D.
TH461C	1/4	.163
TH461E	3/8	.245
TH461F	1/2	.370
TH461H	5/8	.434
TH461J	3/4	.559

### 461 - BRASS INSERTS FOR INDUSTRIAL PLASTIC TUBING



CAT. NO.	TUBING INSERT O.D.	
	O.D.	O.D.
461A-80	1/8"	.080
461A-0*	1/8"	.073
461BS	3/16"	.135
461B-80	3/16"	.095
461B-0	3/16"	.110
461C	1/4"	.163
461D	5/16"	.187
461DS*	5/16"	.232
461E	3/8"	.250
461F	1/2"	.370
461H	5/8"	.470
TH461H*	5/8"	.434
TH461J*	3/4"	.559

\* USE WITH A/B TUBING  
♦ STAINLESS STEEL

### BRASS A/B DOT NYLON TUBING ASSORTMENTS

#BFS-56 56 ITEMS, 350 PIECES. CABINET SIZE 22H x 17W x 11D

**BFS-56**  
COMPLETE  
WITH CABINET  
AS SHOWN

25 TH260C 1/4 SLEEVE	25 TH260E 3/8 SLEEVE	25 TH260F 1/2 SLEEVE	10 TH260H 5/8 SLEEVE	25 TH261C 1/4 NUT	25 TH261E 3/8 NUT	10 TH261F 1/2 NUT
5 TH261H 5/8 NUT	5 TH262C 1/4 UNION	10 TH262E 3/8 UNION	3 TH262F 1/2 UNION	2 TH262H 5/8 UNION	5 TH268C 1/4X1/8 MPT	5 TH268CC 1/4X1/4 MPT
5 TH268E 3/8X1/8 MPT	10 TH268EE 3/8X1/4 MPT	5 TH268EEE 3/8X3/8 MPT	5 TH268F 1/2X3/8 MPT	3 TH268FF 1/2X1/2 MPT	3 TH268FJ 1/2X3/4 MPT	3 TH268H 5/8X1/2 MPT
2 TH268J 3/4X1/2 MPT	2 TH268JJ 3/4X3/4 MPT	5 TH269C 1/4X1/8 90°	5 TH269CC 1/4X1/4 90°	5 TH269E 3/8X1/8 90°	5 TH269EE 3/8X1/4 90°	3 TH269EEE 3/8X3/8 90°
2 TH269FC 1/2X1/4 90°	3 TH269F 1/2X3/8 90°	3 TH269FF 1/2X1/2 90°	3 TH269H 5/8X1/2 90°	3 TH278C 1/4X1/8 45°	5 TH278EE 3/8X1/4 45°	2 TH278EEE 3/8X3/8 45°
2 TH278F 1/2X3/8 45°	2 TH278FF 1/2X1/2 45°	2 TH278H 5/8X1/2 45°	3 TH265C 1/4 90°	3 TH265E 3/8 90°	2 TH265F 1/2 90°	3 TH264C 1/4 TEE
3 TH264E 3/8 TEE	2 TH264F 1/2 TEE	2 TH264H 5/8 TEE	2 TH271C 1/4X1/8 TEE	2 TH271EE 3/8X1/4 TEE	2 TH271EEE 3/8X3/8 TEE	2 TH272C 1/4X1/8 TEE
2 TH272EE 3/8X1/4 TEE	2 TH272EEE 3/8X3/8 TEE	2 TH272F 1/2X3/8 TEE	10 TH461C 1/4 INSERT	25 TH461E 3/8 INSERT	10 TH461F 1/2 INSERT	5 TH461H 5/8 INSERT



BFS-56

**BFS-28**  
COMPLETE  
WITH CABINET




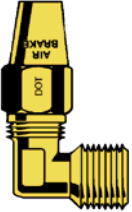
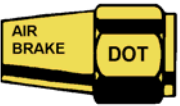


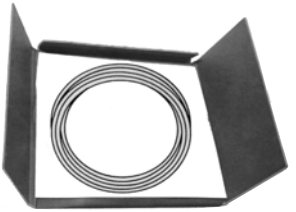

#BFS-28 40 ITEMS, 181 PIECES CABINET SIZE 11H x 17W x 11D (Single Cabinet)

**BFS-28LC**  
FITTINGS ONLY

15 TH260C	25 TH260E	10 TH260F	5 TH260H	3 TH262C	5 TH262E	2 TH262F
5 TH261C 1/4	10 TH261E 3/8	5 TH261F 1/2	3 TH261H 5/8	1/4	3/8	1/2
2 TH262H 5/8	5 TH268C 1/4X1/8	3 TH268CC 1/4X1/4	5 TH268EE 3/8X1/4	3 TH268E 3/8X1/8	3 TH268EEE 3/8X3/8	2 TH268EF 3/8X1/2
3 TH268F 1/2X3/8	2 TH268FF 1/2X1/2	2 TH268H 5/8X1/2	5 TH269C 1/4X1/8	3 TH269CC 1/4X1/4	5 TH269EE 3/8X1/4	2 TH269E 2 TH269F
2 TH278EE	3 TH265C	2 TH264E	2 TH271EE	2 TH272EE	10 TH461E	5 TH461F
2 TH278C	3 TH265E	3 TH264C	2 TH271C	2 TH272C	5 TH461C	3 TH461H



# “COPPER TUBING” AIR BRAKE COMPRESSION BRASS FITTINGS

<p><b>260 - AIR BRAKE SLEEVE</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> </tr> </thead> <tbody> <tr><td>260C</td><td>1/4</td></tr> <tr><td>260D</td><td>5/16</td></tr> <tr><td>260E</td><td>3/8</td></tr> <tr><td>260F</td><td>1/2</td></tr> <tr><td>260H</td><td>5/8</td></tr> <tr><td>260J</td><td>3/4</td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	260C	1/4	260D	5/16	260E	3/8	260F	1/2	260H	5/8	260J	3/4	<p><b>262 - AIR BRAKE UNION</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> </tr> </thead> <tbody> <tr><td>262C</td><td>1/4</td></tr> <tr><td>262D</td><td>5/16</td></tr> <tr><td>262E</td><td>3/8</td></tr> <tr><td>262F</td><td>1/2</td></tr> <tr><td>262H</td><td>5/8</td></tr> <tr><td>262J</td><td>3/4</td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	262C	1/4	262D	5/16	262E	3/8	262F	1/2	262H	5/8	262J	3/4	<p><b>268 - AIR BRAKE MALE CONNECTOR</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>268C</td><td>1/4 X 1/8</td><td></td></tr> <tr><td>268CC</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>268CE</td><td>1/4 X 3/8</td><td></td></tr> <tr><td>268CF</td><td>1/4 X 1/2</td><td></td></tr> <tr><td>268D</td><td>5/16 X 1/8</td><td></td></tr> <tr><td>268DD</td><td>5/16 X 1/4</td><td></td></tr> <tr><td>268DE</td><td>5/16 X 3/8</td><td></td></tr> <tr><td>268DF</td><td>5/16 X 1/2</td><td></td></tr> <tr><td>268E</td><td>3/8 X 1/8</td><td></td></tr> <tr><td>268EE</td><td>3/8 X 1/4</td><td></td></tr> <tr><td>268EEE</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>268EF</td><td>3/8 X 1/2</td><td></td></tr> <tr><td>268F</td><td>1/2 X 3/8</td><td></td></tr> <tr><td>268FC</td><td>1/2 X 1/4</td><td></td></tr> <tr><td>268FF</td><td>1/2 X 1/2</td><td></td></tr> <tr><td>268FJ</td><td>1/2 X 3/4</td><td></td></tr> <tr><td>268H</td><td>5/8 X 1/2</td><td></td></tr> <tr><td>268HE</td><td>5/8 X 3/8</td><td></td></tr> <tr><td>268HJ</td><td>5/8 X 3/4</td><td></td></tr> <tr><td>268J</td><td>3/4 X 1/2</td><td></td></tr> <tr><td>268JJ</td><td>3/4 X 3/4</td><td></td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	MALE PIPE	268C	1/4 X 1/8		268CC	1/4 X 1/4		268CE	1/4 X 3/8		268CF	1/4 X 1/2		268D	5/16 X 1/8		268DD	5/16 X 1/4		268DE	5/16 X 3/8		268DF	5/16 X 1/2		268E	3/8 X 1/8		268EE	3/8 X 1/4		268EEE	3/8 X 3/8		268EF	3/8 X 1/2		268F	1/2 X 3/8		268FC	1/2 X 1/4		268FF	1/2 X 1/2		268FJ	1/2 X 3/4		268H	5/8 X 1/2		268HE	5/8 X 3/8		268HJ	5/8 X 3/4		268J	3/4 X 1/2		268JJ	3/4 X 3/4		<p><b>269 - AIR BRAKE MALE ELBOW</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>269C</td><td>1/4 X 1/8</td><td></td></tr> <tr><td>269CC</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>269CE</td><td>1/4 X 3/8</td><td></td></tr> <tr><td>269CF</td><td>1/4 X 1/2</td><td></td></tr> <tr><td>269D</td><td>5/16 X 1/8</td><td></td></tr> <tr><td>269DD</td><td>5/16 X 1/4</td><td></td></tr> <tr><td>269DE</td><td>5/16 X 3/8</td><td></td></tr> <tr><td>269DF</td><td>5/16 X 1/2</td><td></td></tr> <tr><td>269E</td><td>3/8 X 1/8</td><td></td></tr> <tr><td>269EE</td><td>3/8 X 1/4</td><td></td></tr> <tr><td>269EEE</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>269EF</td><td>3/8 X 1/2</td><td></td></tr> <tr><td>269F</td><td>1/2 X 3/8</td><td></td></tr> <tr><td>269FC</td><td>1/2 X 1/4</td><td></td></tr> <tr><td>269FF</td><td>1/2 X 1/2</td><td></td></tr> <tr><td>269FJ</td><td>1/2 X 3/4</td><td></td></tr> <tr><td>269H</td><td>5/8 X 1/2</td><td></td></tr> <tr><td>269HE</td><td>5/8 X 3/8</td><td></td></tr> <tr><td>269HJ</td><td>5/8 X 3/4</td><td></td></tr> <tr><td>269J</td><td>3/4 X 1/2</td><td></td></tr> <tr><td>269JJ</td><td>3/4 X 3/4</td><td></td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	MALE PIPE	269C	1/4 X 1/8		269CC	1/4 X 1/4		269CE	1/4 X 3/8		269CF	1/4 X 1/2		269D	5/16 X 1/8		269DD	5/16 X 1/4		269DE	5/16 X 3/8		269DF	5/16 X 1/2		269E	3/8 X 1/8		269EE	3/8 X 1/4		269EEE	3/8 X 3/8		269EF	3/8 X 1/2		269F	1/2 X 3/8		269FC	1/2 X 1/4		269FF	1/2 X 1/2		269FJ	1/2 X 3/4		269H	5/8 X 1/2		269HE	5/8 X 3/8		269HJ	5/8 X 3/4		269J	3/4 X 1/2		269JJ	3/4 X 3/4	
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<p><b>261 - AIR BRAKE NUT</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> </tr> </thead> <tbody> <tr><td>261C</td><td>1/4</td></tr> <tr><td>261D</td><td>5/16</td></tr> <tr><td>261E</td><td>3/8</td></tr> <tr><td>261F</td><td>1/2</td></tr> <tr><td>261H</td><td>5/8</td></tr> <tr><td>261J</td><td>3/4</td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	261C	1/4	261D	5/16	261E	3/8	261F	1/2	261H	5/8	261J	3/4	<p><b>266 - AIR BRAKE FEMALE CONNECTOR</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> <th style="text-align: left;">FEMALE PIPE</th> </tr> </thead> <tbody> <tr><td>266C</td><td>1/4 X 1/8</td><td></td></tr> <tr><td>266CC</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>266CE</td><td>1/4 X 3/8</td><td></td></tr> <tr><td>266CF</td><td>1/4 X 1/2</td><td></td></tr> <tr><td>266D</td><td>5/16 X 1/8</td><td></td></tr> <tr><td>266DD</td><td>5/16 X 1/4</td><td></td></tr> <tr><td>266DE</td><td>5/16 X 3/8</td><td></td></tr> <tr><td>266E</td><td>3/8 X 1/8</td><td></td></tr> <tr><td>266EE</td><td>3/8 X 1/4</td><td></td></tr> <tr><td>266EEE</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>266F</td><td>1/2 X 3/8</td><td></td></tr> <tr><td>266FC</td><td>1/2 X 1/4</td><td></td></tr> <tr><td>266FF</td><td>1/2 X 1/2</td><td></td></tr> <tr><td>266FJ</td><td>1/2 X 3/4</td><td></td></tr> <tr><td>266H</td><td>5/8 X 1/2</td><td></td></tr> <tr><td>266HE</td><td>5/8 X 3/8</td><td></td></tr> <tr><td>266HJ</td><td>5/8 X 3/4</td><td></td></tr> <tr><td>266J</td><td>3/4 X 1/2</td><td></td></tr> <tr><td>266JJ</td><td>3/4 X 3/4</td><td></td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	FEMALE PIPE	266C	1/4 X 1/8		266CC	1/4 X 1/4		266CE	1/4 X 3/8		266CF	1/4 X 1/2		266D	5/16 X 1/8		266DD	5/16 X 1/4		266DE	5/16 X 3/8		266E	3/8 X 1/8		266EE	3/8 X 1/4		266EEE	3/8 X 3/8		266F	1/2 X 3/8		266FC	1/2 X 1/4		266FF	1/2 X 1/2		266FJ	1/2 X 3/4		266H	5/8 X 1/2		266HE	5/8 X 3/8		266HJ	5/8 X 3/4		266J	3/4 X 1/2		266JJ	3/4 X 3/4		<p><b>278 - AIR BRAKE 45° MALE ELBOW</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> <th style="text-align: left;">MALE PIPE</th> </tr> </thead> <tbody> <tr><td>278C</td><td>1/4 X 1/8</td><td></td></tr> <tr><td>278CC</td><td>1/4 X 1/4</td><td></td></tr> <tr><td>278D</td><td>5/16 X 1/8</td><td></td></tr> <tr><td>278DD</td><td>5/16 X 1/4</td><td></td></tr> <tr><td>278E</td><td>3/8 X 1/8</td><td></td></tr> <tr><td>278EE</td><td>3/8 X 1/4</td><td></td></tr> <tr><td>278EEE</td><td>3/8 X 3/8</td><td></td></tr> <tr><td>278EF</td><td>3/8 X 1/2</td><td></td></tr> <tr><td>278F</td><td>1/2 X 3/8</td><td></td></tr> <tr><td>278FF</td><td>1/2 X 1/2</td><td></td></tr> <tr><td>278H</td><td>5/8 X 1/2</td><td></td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	MALE PIPE	278C	1/4 X 1/8		278CC	1/4 X 1/4		278D	5/16 X 1/8		278DD	5/16 X 1/4		278E	3/8 X 1/8		278EE	3/8 X 1/4		278EEE	3/8 X 3/8		278EF	3/8 X 1/2		278F	1/2 X 3/8		278FF	1/2 X 1/2		278H	5/8 X 1/2		<p><b>TU6 - AIRBRAKE COPPER TUBING</b> 50 FT. COIL BOXED INDIVIDUALLY</p> <p style="text-align: center;">ORDER IN COILS NOT LENGTH</p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> <th style="text-align: left;">WALL THICKNESS</th> </tr> </thead> <tbody> <tr><td>TU-6C</td><td>1/4 X</td><td>.035</td></tr> <tr><td>TU-6D</td><td>5/16 X</td><td>.042</td></tr> <tr><td>TU-6E</td><td>3/8 X</td><td>.049</td></tr> <tr><td>TU-6F</td><td>1/2 X</td><td>.049</td></tr> <tr><td>TU-6H</td><td>5/8 X</td><td>.049</td></tr> <tr><td>TU-6J</td><td>3/4 X</td><td>.049</td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	WALL THICKNESS	TU-6C	1/4 X	.035	TU-6D	5/16 X	.042	TU-6E	3/8 X	.049	TU-6F	1/2 X	.049	TU-6H	5/8 X	.049	TU-6J	3/4 X	.049																													
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266CC	1/4 X 1/4																																																																																																																																																																		
266CE	1/4 X 3/8																																																																																																																																																																		
266CF	1/4 X 1/2																																																																																																																																																																		
266D	5/16 X 1/8																																																																																																																																																																		
266DD	5/16 X 1/4																																																																																																																																																																		
266DE	5/16 X 3/8																																																																																																																																																																		
266E	3/8 X 1/8																																																																																																																																																																		
266EE	3/8 X 1/4																																																																																																																																																																		
266EEE	3/8 X 3/8																																																																																																																																																																		
266F	1/2 X 3/8																																																																																																																																																																		
266FC	1/2 X 1/4																																																																																																																																																																		
266FF	1/2 X 1/2																																																																																																																																																																		
266FJ	1/2 X 3/4																																																																																																																																																																		
266H	5/8 X 1/2																																																																																																																																																																		
266HE	5/8 X 3/8																																																																																																																																																																		
266HJ	5/8 X 3/4																																																																																																																																																																		
266J	3/4 X 1/2																																																																																																																																																																		
266JJ	3/4 X 3/4																																																																																																																																																																		
CAT. NO.	TUBE O.D.	MALE PIPE																																																																																																																																																																	
278C	1/4 X 1/8																																																																																																																																																																		
278CC	1/4 X 1/4																																																																																																																																																																		
278D	5/16 X 1/8																																																																																																																																																																		
278DD	5/16 X 1/4																																																																																																																																																																		
278E	3/8 X 1/8																																																																																																																																																																		
278EE	3/8 X 1/4																																																																																																																																																																		
278EEE	3/8 X 3/8																																																																																																																																																																		
278EF	3/8 X 1/2																																																																																																																																																																		
278F	1/2 X 3/8																																																																																																																																																																		
278FF	1/2 X 1/2																																																																																																																																																																		
278H	5/8 X 1/2																																																																																																																																																																		
CAT. NO.	TUBE O.D.	WALL THICKNESS																																																																																																																																																																	
TU-6C	1/4 X	.035																																																																																																																																																																	
TU-6D	5/16 X	.042																																																																																																																																																																	
TU-6E	3/8 X	.049																																																																																																																																																																	
TU-6F	1/2 X	.049																																																																																																																																																																	
TU-6H	5/8 X	.049																																																																																																																																																																	
TU-6J	3/4 X	.049																																																																																																																																																																	
<p><b>262L - AIR BRAKE BULKHEAD UNION</b></p>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CAT. NO.</th> <th style="text-align: left;">TUBE O.D.</th> </tr> </thead> <tbody> <tr><td>262LC</td><td>1/4</td></tr> <tr><td>262LE</td><td>3/8</td></tr> </tbody> </table>	CAT. NO.	TUBE O.D.	262LC	1/4	262LE	3/8																																																																																																																																																													
CAT. NO.	TUBE O.D.																																																																																																																																																																		
262LC	1/4																																																																																																																																																																		
262LE	3/8																																																																																																																																																																		

TUBE SIZE	1/4	5/16	3/8	1/2	5/8	3/4
THREAD SIZE	7/16-24	1/2-24	17/32-24	11/16-20	13/16-18	1-18

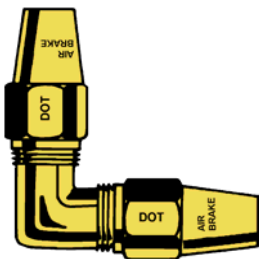
CONTINUED: "COPPER TUBING" AIR BRAKE COMPRESSION BRASS FITTINGS

**270 - AIR BRAKE FEMALE ELBOW**



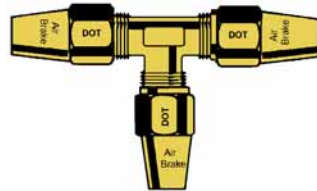
CAT. NO.	TUBE O.D.	FEMALE PIPE
270C	1/4	X 1/8
270CC	1/4	X 1/4
270CE	1/4	X 3/8
270CF	1/4	X 1/2
270D	5/16	X 1/8
270DD	5/16	X 1/4
270E	3/8	X 1/8
270EE	3/8	X 1/4
270EEE	3/8	X 3/8
270F	1/2	X 3/8
270FC	1/2	X 1/4
270FF	1/2	X 1/2
270FJ	1/2	X 3/4
270H	5/8	X 1/2
270HE	5/8	X 3/8
270HJ	5/8	X 3/4
270J	3/4	X 1/2
270JJ	3/4	X 3/4

**265 - AIR BRAKE ELBOW**



CAT. NO.	TUBE O.D.
265C	1/4
265D	5/16
265E	3/8
265F	1/2
265H	5/8
265J	3/4

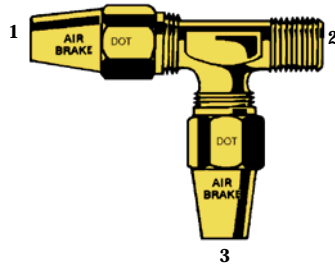
**264 - AIR BRAKE TEE**



CAT. NO.	TUBE O.D.
264C	1/4
264D	5/16
264E	3/8
264F	1/2
264H	5/8
264J	3/4

**271 - AIR BRAKE MALE RUN TEE**

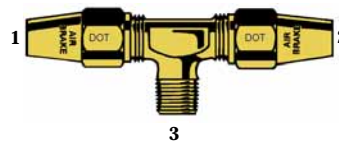
TUBE TO MALE PIPE TO TUBE



CAT. NO.	TUBE O.D.	MALE PIPE
271C	1/4	X 1/8
271CC	1/4	X 1/4
271D	5/16	X 1/8
271DD	5/16	X 1/4
271EE	3/8	X 1/4
271EEE	3/8	X 3/8
271F	1/2	X 3/8
271FF	1/2	X 1/2
271H	5/8	X 1/2
271J	3/4	X 1/2
271JJ	3/4	X 3/4

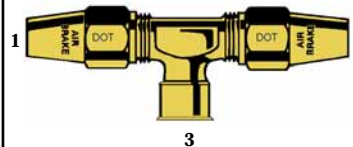
**272 - AIR BRAKE BRANCH TEE**

TUBE TO TUBE TO MALE PIPE



CAT. NO.	TUBE O.D.	MALE PIPE
272C	1/4	X 1/8
272CC	1/4	X 1/4
272D	5/16	X 1/8
272DD	5/16	X 1/4
272E	3/8	X 1/8
272EE	3/8	X 1/4
272EEE	3/8	X 3/8
272EF	3/8	X 1/2
272FC	1/2	X 1/4
272F	1/2	X 3/8
272FF	1/2	X 1/2
272H	5/8	X 1/2
272J	3/4	X 1/2
272JJ	3/4	X 3/4

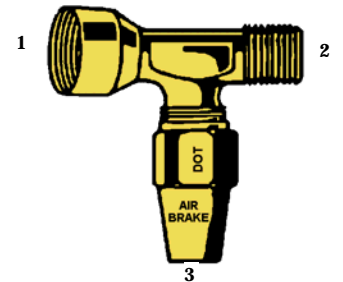
**272S - AIR BRAKE FEMALE BRANCH TEE**



CAT. NO.	TUBE O.D.	FEMALE PIPE
272SC	1/4	X 1/8
272SF	1/2	X 3/8
272SFA	1/2	X 1/8
272SHA	5/8	X 1/8

**276 - AIR BRAKE TEE**

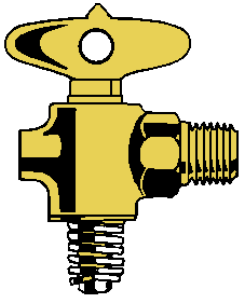
FEMALE PIPE TO MALE PIPE TO TUBE



CAT. NO.	TUBE O.D.	FEMALE & MALE PIPE
276C	1/4	X 1/8
276CC	1/4	X 1/4
276D	5/16	X 1/8
276EE	3/8	X 1/4

# AIR BRAKE TRUCK VALVES

## 18K - AIR BRAKE DRAIN COCK TEE HANDLE

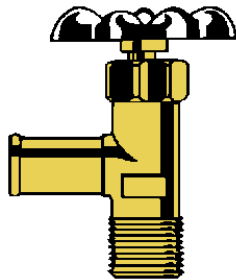


150 PSI MAX.

CAT. NO.	MALE PIPE
18KC	1/4

## 229K - TRUCK SHUT-OFF VALVE

BRASS BODY  
WHEEL HANDLE



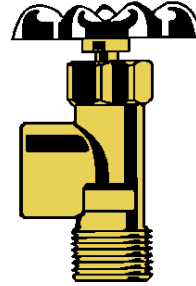
BRASS

150 PSI MAX.

CAT. NO.	HOSE I.D.	MALE PIPE
229KEEE	3/8 X 3/8	
229KF	1/2 X 3/8	
229KHE	5/8 X 3/8	
229KHF	5/8 X 1/2	
229KJE	3/4 X 3/8	
229KJF	3/4 X 1/2	

## 21 TRUCK VALVE OIL TANK VALVE

FEMALE PIPE THREAD X  
MALE PIPE THREAD  
BRASS



CAT. NO.	FEMALE PIPE	MALE PIPE
21EEE	3/8 X 3/8	
21EF	3/8 X 1/2	
21FF	1/2 X 1/2	

## 18 - OIL TANK VALVE



150 PSI MAX

CAT. NO.	FLARE	
	TUBE O.D.	MALE PIPE
18EEE	3/8 X 3/8	
18EF	3/8 X 1/2	
18EJ	3/8 X 3/4	
18FF	1/2 X 1/2	
18FJ	1/2 X 3/4	

**ADDITIONAL  
TRUCK VALVES  
SEE PAGES  
43P & 44P**

## TRANSMISSION "SUREGRIP" BRASS FITTINGS 1/8 & 5/32 SIZES (FOR USE WITH NYLON AIR BRAKE TUBING, SAEJ844)

### 660 - SUREGRIP SLEEVE



CAT. NO.	EATON/FULLER #	TUBE O.D.
660A	83001	1/8
660AA	83002	5/32

### 662 - SUREGRIP UNION



CAT. NO.	EATON FULLER #	TUBE O.D.
662A	84101	1/8
662AA	84102	5/32

### 669 - SUREGRIP MALE ELBOW



CAT. NO.	EATON FULLER #	TUBE O.D.	MALE PIPE
669A	85002	1/8	1/8
669AS		1/8	1/16
669AA	85001	5/32	1/8

### 661 - SUREGRIP NUT



CAT. NO.	EATON FULLER #	TUBE O.D.
661A	83501	1/8
661AA	83502	5/32

### 668 - SUREGRIP MALE CONNECTOR



CAT. NO.	EATON FULLER #	TUBE O.D.	MALE PIPE
668A	84002	1/8	1/8
668AS	84001	1/8	1/16
668AA	84004	5/32	1/8
668AAS	84003	5/32	1/16



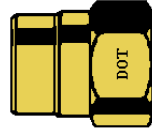
# D.O.T. TRUCK AIR BRAKE REUSEABLE HOSE BRASS FITTINGS D.O.T.

## 360 - AIR BRAKE HOSE SLEEVE



CAT. NO.	HOSE O.D.	HOSE I.D.
360J	3/4 X 3/8	
360M	7/8 X 1/2	

## 361 - AIR BRAKE HOSE NUT



CAT. NO.	HOSE O.D.	HOSE I.D.
361J	3/4 X 3/8	
361M	7/8 X 1/2	

## 378 - AIR BRAKE HOSE CONNECTOR WITH SPRING GUARD



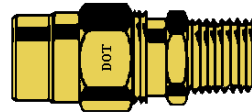
CAT. NO.	HOSE O.D.	HOSE I.D.	MALE PIPE
378JC	3/4	3/8	1/4
378JE	3/4	3/8	3/8
378JF	3/4	3/8	1/2
378ME	7/8	1/2	3/8
378MF	7/8	1/2	1/2

## 371 - AIR BRAKE HOSE NUT WITH SPRING GUARD ATTACHED



CAT. NO.	HOSE O.D.	HOSE I.D.
371J	3/4	3/8
371M	7/8	1/2

## 368 - AIR BRAKE HOSE CONNECTOR



CAT. NO.	HOSE O.D.	HOSE I.D.	MALE PIPE
368JC	3/4 X 3/8 X 1/4		
368JE	3/4 X 3/8 X 3/8		
368JF	3/4 X 3/8 X 1/2		
368ME	7/8 X 1/2 X 3/8		
368MF	7/8 X 1/2 X 1/2		

## 362 - AIR BRAKE HOSE UNION



CAT. NO.	HOSE O.D.	HOSE I.D.
362J	3/4 X 3/8	
362M	7/8 X 1/2	

## 371THR - AIR BRAKE HOSE NUT FOR SPRING GUARD ATTACHMENT



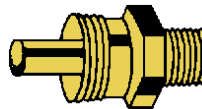
CAT. NO.	HOSE O.D.	HOSE I.D.
371THR-J	3/4 X 3/8	
371THR-M	7/8 X 1/2	

## 371SPR - AIR BRAKE HOSE SPRING GUARD ONLY



CAT. NO.	HOSE O.D.	HOSE I.D.
371SPR-J	3/4 X 3/8	
371SPR-M	7/8 X 1/2	

## 368-BO - AIR HOSE CONNECTOR BODY ONLY



CAT. NO.	HOSE O.D.	HOSE I.D.	MALE PIPE
368JC-BO	3/4X3/8X1/4		
368JE-BO	3/4X3/8X3/8		
368JF-BO	3/4X3/8X1/2		
368ME-BO	7/8X1/2X3/8		
368MF-BO	7/8X1/2X1/2		

## ABH50 - (SAEJ1402) (TYPE B) AIR BRAKE HOSE

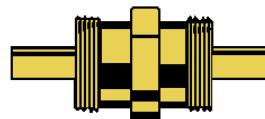
FOR REUSEABLE FITTINGS ON THIS PAGE  
50' & 250' COILS



CAT. NO.	HOSE O.D.	HOSE I.D.
ABH50-J	3/4	3/8
SOLD IN 50ft COILS		
ABH250-J	3/4	3/8
SOLD IN 250ft COILS		

ABH250-M 7/8 1/2  
SOLD IN 250ft COILS

## 362-BO - AIR BRAKE HOSE UNION BODY ONLY



CAT. NO.	HOSE O.D.	HOSE I.D.
362J-BO	3/4 X 3/8	

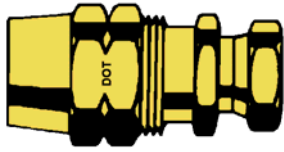


1. SLIDE NUT ONTO HOSE
2. SLIDE SLEEVE ONTO HOSE WITH TAPERED EDGE TOWARD FITTING BODY.
3. BOTTOM HOSE INTO FITTING
4. TIGHTEN NUT UNTIL IT CONTACTS BODY HEX
5. IF REASSEMBLING, DO NOT REUSE SLEEVE



# AIR BRAKE TRUCK SWIVEL TYPE HOSE CONNECTORS

## 396 - AIR BRAKE CONNECTOR HOSE TO SPECIAL FEMALE THREAD



SWIVEL - BRASS

CAT. NO.	HOSE O.D.	HOSE I.D.	FEM THREAD
396JJ	3/4	3/8	3/4-20
396MM	7/8	1/2	7/8-20

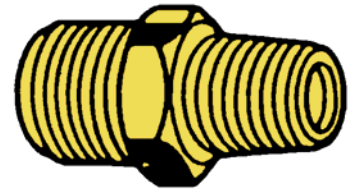
## 398 - AIR BRAKE CONNECTOR WITH MALE PIPE ADAPTER



SWIVEL - BRASS

CAT. NO.	HOSE O.D.	HOSE I.D.	MALE PIPE
398JC	3/4	3/8	1/4
398JE	3/4	3/8	3/8
398ME	7/8	1/2	3/8

## 398-BO - AIR BRAKE ADAPTER BODY



CAT. NO.	SPECIAL THREAD	MALE PIPE
398JC-BO	3/4-20	1/4
398JE-BO	3/4-20	3/8
398ME-BO	7/8-20	3/8
398MF-BO	7/8-20	1/2

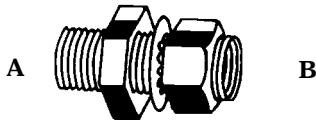
## ABH - AIR BRAKE HOSE FOR USE WITH AIR BRAKE REUSEABLE FITTINGS ON PAGES 21P & 22P



SAE J1402 TYPE B REV. C.

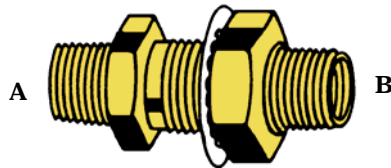
CAT. NO.	PACKAGE INFORMATION	HOSE O.D.	HOSE I.D.	MAX WORKING PRESSURE	MIN. BURST
ABH50-J	50' COILS	3/4	3/8	125 PSI	700
ABH250-J	250' SPOOL	3/4	3/8	125 PSI	700
ABH250-M	250' SPOOL	7/8	1/2	125 PSI	700

## 390 - BULKHEAD COUPLING STEEL



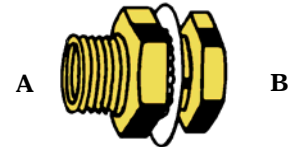
CAT. NO.	MALE PIPE THD.	FEM. PIPE THD.	OVERALL LENGTH
390FC5	1/2	1/4	2&5/32

## 391 - BULKHEAD COUPLING



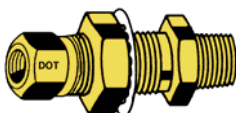
CAT. NO.	MALE PIPE THRD.	FEM. PIPE THD.	OVER-ALL LENGTH	
391FC2	1/2	1/4	2.875	BRASS
391FC3	1/2	1/4	3.938	BRASS
391FC4	1/2	3/8	1.688	BRASS
391FC5	1/2	3/8	1.906	BRASS

## 392 - BULKHEAD COUPLING BRASS



CAT. NO.	FEM. PIPE A&B	OVER ALL LENGTH	STRAIGHT MALE THRD.
392A-1&1/2	1/8	1.50	5/8-18
392C-94	1/4	.94	3/4-16
392C-1&1/2	1/4	1.50	3/4-16
392E-1&5/16	3/8	1&5/16	1.0-14
392F-1&1/2	1/2	1.50	1&1/8-14

## TH396 - BULKHEAD AIR BRAKE COUPLING BRASS WITH NYLON TRUCK AIRBRAKE CONN.



CAT. NO.	TUBE O.D.	FEM PIPE	OVERALL LENGTH
TH396-66	3/8	3/8	1.50"
TH396-86	1/2	3/8	1.56"

# TRUCK ACCESSORY "DOT" PUSH IN BRASS FITTINGS

BUILT-IN TUBE SUPPORT  
SUPPORT

## PP62-DOT - UNION

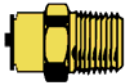


CAT. NO.	TUBE O.D.
PP62AA-DOT	5/32
PP62C-DOT	1/4
PP62E-DOT	3/8
PP62F-DOT	1/2
PP62H-DOT	5/8
PP62J-DOT	3/4

BULKHEAD UNION

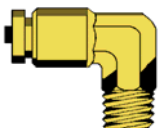
CAT. NO.	TUBE O.D.	MALE PIPE
PP62LC-DOT	1/4	
PP62LE-DOT	3/8	
PP62LF-DOT	1/2	
PP62LH-DOT	5/8	

## PP68-DOT - MALE CONNECTOR



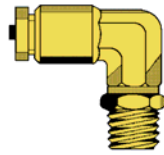
CAT. NO.	TUBE O.D.	MALE PIPE
PP68AAS-DOT	5/32X1/16	
PP68AA-DOT	5/32X1/8	
PP68C-DOT	1/4 X1/8	
PP68CC-DOT	1/4X1/4	
PP68CE-DOT	1/4X3/8	
PP68E-DOT	3/8X1/8	
PP68EE-DOT	3/8X1/4	
PP68EEE-DOT	3/8X3/8	
PP68EF-DOT	3/8X1/2	
PP68F-DOT	1/2X3/8	
PP68FC-DOT	1/2X1/4	
PP68FF-DOT	1/2X1/2	
PP68H-DOT	5/8X1/2	
PP68J-DOT	3/4X1/2	
PP68JJ-DOT	3/4X3/4	

## PP69-DOT MALE ELBOW



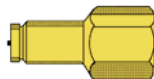
CAT. NO.	TUBE O.D.	MALE PIPE
PP69AA-DOT	5/32X1/8	
PP69C-DOT	1/4 X1/8	
PP69CC-DOT	1/4X1/4	
PP69CE-DOT	1/4X3/8	
PP69E-DOT	3/8X1/8	
PP69EE-DOT	3/8X1/4	
PP69EEE-DOT	3/8X3/8	
PP69EF-DOT	3/8X1/2	
PP69FC-DOT	1/2X1/4	
PP69F-DOT	1/2X3/8	
PP69FF-DOT	1/2X1/2	
PP69HE-DOT	5/8X3/8	
PP69H-DOT	5/8X1/2	
PP69J-DOT	3/4X1/2	
PP69JJ-DOT	3/4X3/4	

## PP69S-DOT SWIVEL MALE 90° ELBOW



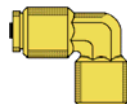
CAT. NO.	TUBE O.D.	MALE PIPE
PP69SC-DOT	1/4X1/8	
PP69SCC-DOT	1/4X1/4	
PP69SCE-DOT	1/4X3/8	
PP69SE-DOT	3/8X1/8	
PP69SEE-DOT	3/8X1/4	
PP69SEEE-DOT	3/8X3/8	
PP69SEF-DOT	3/8X1/2	
PP69SFC-DOT	1/2X1/4	
PP69SFF-DOT	1/2X3/8	
PP69SFF-DOT	1/2X1/2	
PP69SHE-DOT	5/8X3/8	
PP69SH-DOT	5/8X1/2	
PP69SJ-DOT	3/4X1/2	
PP69SJJ-DOT	3/4X3/4	

## PP66-DOT FEMALE CONNECTOR



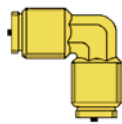
CAT. NO.	TUBE O.D.	FEMALE PIPE
PP66C-DOT	1/4X1/8	
PP66CC-DOT	1/4X1/4	

## PP70-DOT FEMALE 90° ELBOW



CAT. NO.	TUBE O.D.	FEMALE PIPE
PP70C-DOT	1/4X1/8	
PP70CC-DOT	1/4X1/4	
PP70EE-DOT	3/8X1/4	
PP70EEE-DOT	3/8X3/8	
PP70FF-DOT	1/2X1/2	

## PP65-DOT 90° ELBOW



CAT. NO.	TUBE O.D.
PP65C-DOT	1/4
PP65E-DOT	3/8
PP65F-DOT	1/2

## PP78-DOT - 45° MALE ELBOW

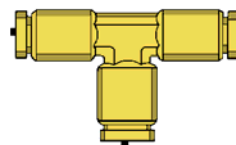


CAT. NO.	TUBE O.D.	MALE PIPE
PP78C-DOT	1/4X1/8	
PP78CC-DOT	1/4X1/4	
PP78E-DOT	3/8X1/8	
PP78EE-DOT	3/8X1/4	
PP78EEE-DOT	3/8X3/8	
PP78EF-DOT	3/8X1/2	
PP78FC-DOT	1/2X1/4	
PP78F-DOT	1/2X3/8	
PP78FF-DOT	1/2X1/2	
PP78H-DOT	5/8X1/2	
PP78HE-DOT	5/8X3/8	
PP78J-DOT	3/4X1/2	
PP78JJ-DOT	3/4X3/4	

SWIVEL

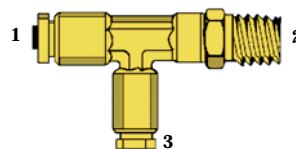
PP78SC-DOT	1/4X1/8	
PP78SCC-DOT	1/4X1/4	
PP78SE-DOT	3/8X1/8	
PP78SEE-DOT	3/8X1/4	
PP78SEEE-DOT	3/8X3/8	
PP78SFC-DOT	1/2X1/4	
PP78SF-DOT	1/2X3/8	
PP78SFF-DOT	1/2X1/2	

## PP64-DOT - TEE

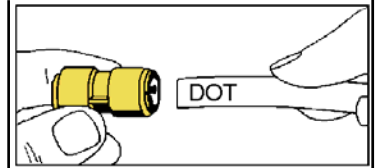


CAT. NO.	TUBE O.D.
PP64C-DOT	1/4
PP64E-DOT	3/8
PP64F-DOT	1/2
PP64H-DOT	5/8
PP64J-DOT	3/4

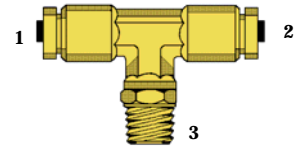
## PP71S-DOT - TEE TUBE X MALE PIPE SWIVEL X TUBE



CAT. NO.	TUBE O.D.	MALE PIPE
PP71SC-DOT	1/4X1/8	
PP71SCC-DOT	1/4X1/4	
PP71SEE-DOT	3/8X1/4	
PP71SEEE-DOT	3/8X3/8	
PP71SF-DOT	1/2X3/8	

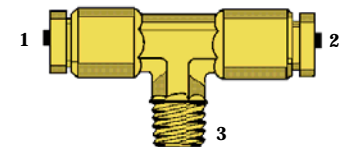


## PP72S-DOT - TEE WITH SWIVEL MALE PIPE



CAT. NO.	TUBE O.D.	MALE PIPE
PP72SC-DOT	1/4X1/8	
PP72SCC-DOT	1/4X1/4	
PP72SEE-DOT	3/8X1/4	
PP72SEEE-DOT	3/8X3/8	
PP72SF-DOT	1/2X3/8	

## PP72-DOT - TEE WITH MALE PIPE



CAT. NO.	TUBE O.D.	MALE PIPE
PP72C-DOT	1/4X1/8	
PP72CC-DOT	1/4X1/4	
PP72EE-DOT	3/8X1/4	
PP72EEE-DOT	3/8X3/8	
PP72F-DOT	1/2X3/8	

## SPECIFICATIONS

MEETS D.O.T. FMVSS 571.106 AIR BRAKE PERFORMANCE SPECIFICATIONS.

FITTINGS BODY: BRASS

SEALS: BUNA-N (NITRILE) "O" RINGS

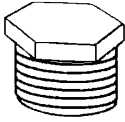
WORKING TEMPERATURE: -40°F - +200°F

WORKING PRESSURE: VACUUM TO 250 PSI

# NYLON PIPE FITTINGS

# BRASS GARDEN HOSE FITTINGS

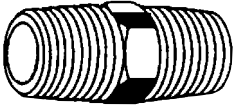
## NY109X - NYLON HEX HEAD PIPE PLUG



NYLON

CAT. NO.	MALE PIPE
NY109XA	1/8
NY109XC	1/4
NY109XE	3/8
NY109XF	1/2
NY109XJ	3/4

## NY112 - NYLON HEX NIPPLE



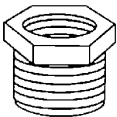
NYLON

CAT. NO.	MALE PIPE	MALE PIPE
NY112XA	1/8 X 1/8	
NY112XC	1/4 X 1/4	
NY112XE	3/8 X 3/8	
NY112XF	1/2 X 1/2	
NY112XJ	3/4 X 3/4	

REDUCING SIZES

NY112RCA	1/4X1/8
NY112REA	3/8X1/8
NY112REC	3/8X1/4
NY112RFC	1/2X1/4
NY112RFE	1/2X3/8
NY112RJE	3/4X3/8
NY112RJF	3/4X1/2

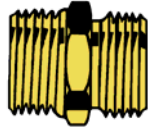
## NY110 - NYLON HEX BUSHING



NYLON

CAT. NO.	MALE PIPE	FEMALE PIPE
NY110EE	3/8X1/4	
NY110FC	1/2X1/4	
NY110F	1/2X3/8	
NY110JC	3/4X1/4	
NY110JE	3/4X3/8	
NY110J	3/4X1/2	
NY110NF	1"X1/2	
NY110NJ	1"X3/4	
NY110PJ	1.25X3/4	
NY110PN	1.25X1"	
NY110QN	1.5X1"	
NY110QP	1.5X1.25	

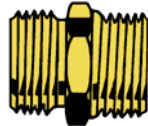
## 748 - MALE GARDEN HOSE X MALE PIPE



CAT. NO.	MALE G.H.	MALE PIPE
748JE	3/4 X 3/8	
748JF	3/4 X 1/2	
748JJF*	3/4 X 3/4	

\*1/2 FEM PIPE TAPPED

## 757 - MALE GARDEN HOSE X MALE GARDEN HOSE



CAT. NO.	MALE G.H.	MALE G.H.
757JJ	3/4 X 3/4	
757JJF	3/4 X 3/4 X 1/2 FEM PIPE*	

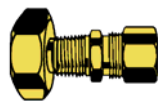
\* TAPPED UNDER MALE GARDEN HOSE THREAD

## 746 - MALE GARDEN HOSE X FEMALE PIPE



CAT. NO.	MALE G.H.	FEMALE PIPE
746JC	3/4 X 1/4	
746JE	3/4 X 3/8	
746JF	3/4 X 1/2	
746JJ	3/4 X 3/4	

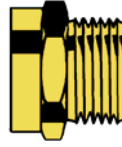
## 719-68 - GARDEN HSE X COMPRESSION



CAT. NO.	FEMALE G.H.	MALE COMPRESSION
719-68	3/4 X 1/4	

SUPPLIED WITH WASHER  
ICE MAKER HOOK-UP

## 758 - FEMALE GARDEN HOSE X MALE PIPE



CAT. NO.	FEMALE G.H.	MALE PIPE
758JF	3/4 X 1/2	
758JJ	3/4 X 3/4	
758JJF*	3/4 X 3/4 X 1/2 FEM PIPE TAPPED	

## 703S - SWIVEL FEMALE UNION



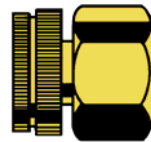
CAT. NO.	SWIVEL G.HOSE	SWIVEL G.HOSE
703SJJ	3/4 X 3/4	

## 756 - FEMALE GARDEN HOSE X FEMALE PIPE



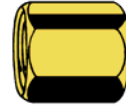
CAT. NO.	FEMALE G.HOSE	FEMALE PIPE
756JF	3/4 X 1/2	
756JJ	3/4 X 3/4	

## 756S - SWIVEL FEMALE G.H. NUT X FEMALE PIPE



CAT. NO.	SWVL NUT	RIGID FEMALE PIPE
756SJJ	3/4 X 1/2	
756SJJ	3/4 X 3/4	

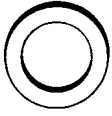
## 703 - UNION NON SWIVEL



CAT. NO.	FEMALE G.H.	FEMALE G.H.
703JJ	3/4 X 3/4	

## Continued: BRASS GARDEN HOSE FITTINGS

### 700G - GARDEN HOSE WASHER BLACK



BLACK VINYL

CAT. NO.	FEMALE GARDEN HOSE
700G	3/4

### 761 - NUT GARDEN HOSE



CAT. NO.	FEMALE GARDEN HOSE
761J	3/4

### 708 - CAP FEMALE GARDEN HOSE - SOLID TOP



CAT. NO.	FEMALE GARDEN HOSE
708J*	3/4
NY708J**	3/4
708JC***	3/4

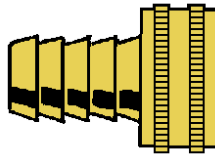
\* BRASS  
\*\* NYLON  
\*\*\* BRASS WITH 12" CHAIN

### 719 - FEMALE GARDEN HOSE X FEMALE PIPE



CAT. NO.	FEMALE G.H.	FEMALE PIPE
719JA	3/4 X 1/8	
719JC	3/4 X 1/4	

### 620 - HOSE BARB X FEMALE GARDEN HOSE SWIVEL NUT



CAT. NO.	HOSE I.D.	G.H. NUT	SWIVEL
620CJ	1/4 X 3/4		
----- BARB LENGTH .65" -----			
620EJ*	3/8 X 3/4		
620FJ*	1/2 X 3/4		
620HJ*	5/8 X 3/4		
620JJ*	3/4 X 3/4		
620LFJ**	1/2 X 3/4		
620LHJ**	5/8 X 3/4		
620LJJ**	3/4 X 3/4		

\* BARB LENGTH .875" WITH ROUND NUT (AS SHOWN)  
\*\* BARB LENGTH 1.19" WITH HEX NUT (NOT SHOWN)

### 759 - Y MALE GARDEN HOSE X FEM. GARDEN HOSE



CAT. NO.	MALE G.HOSE	FEMALE G.HOSE
759J	3/4 X 3/4	

### 709 - PLUG MALE GARDEN HOSE



CAT. NO.	MALE GARDEN HOSE
709J	3/4

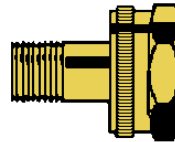
### 619 - HOSE BARB X MALE GARDEN HOSE



CAT. NO.	HOSE I.D.	MALE G.H.	RIGID
619EJ*	3/8 X 3/4		
619FJ*	1/2 X 3/4		
619HJ*	5/8 X 3/4		
619JJ*	3/4 X 3/4		
619LFJ**	1/2 X 3/4		
619LHJ**	5/8 X 3/4		
619LJJ**	3/4 X 3/4		

\* BARB LENGTH .92"  
\*\* BARB LENGTH 1.19"

### 712 - MALE PIPE X SWIVEL FEMALE GARDEN HOSE



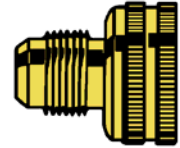
CAT. NO.	MALE PIPE	G.H. NUT	SWIVEL
712CJR	1/4 X 3/4		
712EJR	3/8 X 3/4		
712FJR	1/2 X 3/4		

### 2CD - EVAPORATIVE COOLER DRAIN WITH LOCK NUT AND GASKET MALE GARDEN HOSE X FEMALE PIPE



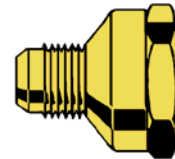
CAT. NO.	MALE G.H.	FEMALE PIPE
2CDJF	3/4 X 1/2	

### 676 - CONNECTOR FLARE X SWIVEL FEMALE GARDEN HOSE



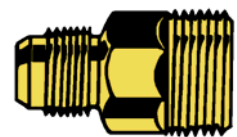
CAT. NO.	FLARE TUBE O.D.	SWIVEL G.H. NUT
676EJ	3/8 X 3/4	
676FJ	1/2 X 3/4	

### 636 - CONNECTOR FLARE X FEMALE GARDEN HOSE NON-SWIVEL



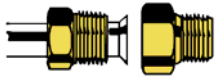
CAT. NO.	FLARE TUBE O.D.	RIGID FEMALE G.HOSE
636EJ	3/8 X 3/4	
636FJ	1/2 X 3/4	
636HJ	5/8 X 3/4	

### 638 - CONNECTOR FLARE X MALE GARDEN HOSE NON-SWIVEL



CAT. NO.	FLARE TUBE O.D.	RIGID MALE G.HOSE
638EJ	3/8 X 3/4	
638FJ	1/2 X 3/4	
638HJ	5/8 X 3/4	





# INVERTED FLARE BRASS FITTINGS

## 105 - INVERTED FLARE NUT



BRASS

CAT. NO.	TUBE O.D.
105A	1/8
105B	3/16
105C	1/4
105D	5/16
105E	3/8
105F	1/2

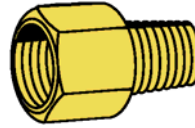
## 105L - LONG STEEL INVERTED FLARE NUT



LONG

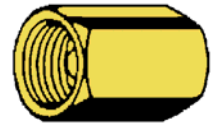
CAT. NO.	TUBE O.D.
105LB	3/16
105LC	1/4

## 200 - MALE INVER. 202 CONNECTOR



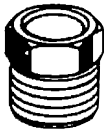
CAT. NO.	INV. TUBE O.D.	MALE PIPE
202A	1/8 X 1/8	
200B	3/16 X 1/8	
200C	1/4 X 1/8	
200CC	1/4 X 1/4	
200D	5/16 X 1/8	
200DD	5/16 X 1/4	
202DE	5/16 X 3/8	
200E	3/8 X 1/8	
200EE	3/8 X 1/4	
200EEE	3/8 X 3/8	
202F	1/2 X 3/8	
202FC	1/2 X 1/4	
202FF	1/2 X 1/2	
202H	5/8 X 1/2	
202JJ	3/4 X 3/4	

## 353 - UNION 302 INVERTED



CAT. NO.	INV. TUBE O.D.
353A	1/8
353B	3/16
353C	1/4
353D	5/16
302E	3/8
353F	1/2

## 105S - INVERTED FLARE NUT



STEEL

CAT. NO.	TUBE O.D.
105SA	1/8
105SB	3/16
105SC	1/4
105SD	5/16
105SE	3/8
105SF	1/2
105SH	5/8
105SJ	3/4

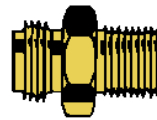
## 409 - PLUG STEEL INVERTED FLARE



STEEL

CAT. NO.	TUBE O.D.
409BS	3/16
409CS	1/4
409DS	5/16
409ES	3/8

## 1514 - PLYMOUTH FUEL LINE ADAPTER MALE INVERTED X MALE PIPE



CAT. NO.	INV. TUBE O.D.	MALE PIPE
1514	5/16 X 1/8	

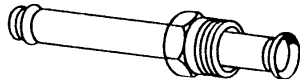
## 354 - UNION FOR IMPORTED VEHICLES FEM. INV. FLARE (BOTH ENDS)



STEEL

CAT. NO.	FEMALE SIZE
354-1	3/8-24
ISO FLARE - BRITISH LINE TO BRITISH LINE	
354-2	10.1MM
BUBBLE FLARE EUROPEAN LINE TO EUROPEAN LINE	
354-3	10.1MM
STANDARD FLARE JAPANESE LINE TO JAPANESE LINE	

## 1428 - ADAPTER 1429 - TRANSMISSION OIL COOLANT LINE



CAT. NO.	TUBE O.D.	TUBE LENGTH
1428	5/16	4 1/2"
1429	3/8	4 1/2"

## 250 - FEMALE CONNECTOR



CAT. NO.	INV. TUBE O.D.	FEMALE PIPE
250B	3/16 X 1/8	
250C	1/4 X 1/8	
250D	5/16 X 1/8	
250EE	3/8 X 1/4	
250F	1/2 X 3/8	

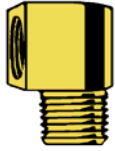
## 1441/2/3 - METRIC CONVERSION ADAPTER BRASS



CAT. NO.	INV. SEAT	MALE
1441	3/16 X 3/8-24	MALE BRITISH CARS
1442	3/16 X M10X1.0	GERMAN CARS
1443	3/16 X M10X1.0	(3/8-24) JAPANESE CARS

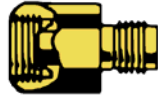
# Continued: INVERTED FLARE BRASS FITTINGS

## 400 - ELBOW 402 90° INV.



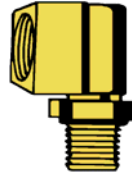
CAT. NO.	INV. FLARE	
	TUBE O.D.	MALE PIPE
402A	1/8 X 1/8	
402B	3/16 X 1/8	
400C	1/4 X 1/8	
402CC	1/4 X 1/4	
400D	5/16 X 1/8	
402DD	5/16 X 1/4	
402E	3/8 X 1/8	
402EE	3/8 X 1/4	
402EEE	3/8 X 3/8	
402F	1/2 X 3/8	
402FC	1/2 X 1/4	
402FF	1/2 X 1/2	
402H	5/8 X 1/2	
402MJ	7/8 X 3/4	
402NN	1" X 1"	

## 240 - CONVERSION INVERTED FLARE ADAPTERS



CAT. NO.	FEMALE INV. FLARE TUBE		MALE INV. FLARE TUBE	
	240BC	3/16 X 1/4		
240BD	3/16 X 5/16			
-----				
240B	3/16 FEMALE INV. X 9/16-18 MALE INV.			
-----				
240CB	1/4 X 3/16			
240CD	1/4 X 5/16			
-----				
240C	1/4 FEMALE INV. X 9/16-18 MALE INV.			

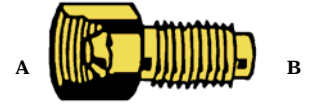
## C4 - FORD TRANSMISSION ADAPTER



CAT. NO.	FEMALE INV. FLARE		MALE STRGHT. PIPE	
	C4	5/16 X 1/8		

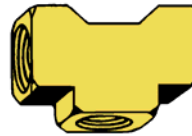
WITH O RING & LOCK NUT

## 1441 1442 -1443 7935 7936 - 7937 METRIC CONVERSION ADAPTER



CAT. NO.	A INV. SEAT		B MALE
	1441	3/16	
BRITISH CARS			
1442	3/16	M10X1.0	
(3/8-24) GERMAN CARS			
7935	3/16	M11X1.5 (M10X1.0)	
7936	3/16	M12X1.0 (M10X1.0)	
7937	3/16	M13X1.5 (M10X1.0)	
1443	3/16	M10X1.0 (3/8-24)	JAPANESE CARS

## 702 - UNION TEE



CAT. NO.	INV. FLARE TUBE
702A	1/8
702B	3/16
702C	1/4
702D	5/16
702E	3/8

## 352 - MALE ELBOW 45° INV.



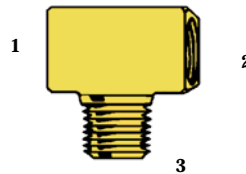
CAT. NO.	FEMALE INV. FLARE		MALE PIPE
	352B	3/16 X 1/8	
352C	1/4 X 1/8		
352D	5/16 X 1/8		
352DD	5/16 X 1/4		
352EE	3/8 X 1/4		
352F	1/2 X 3/8		
352H	5/8 X 1/2		

## THE FOLLOWING SEAL ON HEX FACE FEM. INV. X MALE INV.



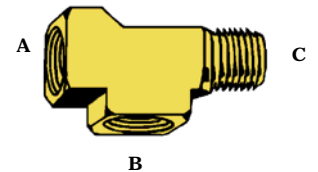
CAT. NO.	FEMALE INV. FLARE TUBE		MALE INV. FLARE TUBE	
	240BD-HEX	3/16 X 5/16		
240CD-HEX	1/4 X 5/16			
240CG-20-HEX	1/4 X 7/16-20			
240DD-HEX	5/16 X 5/16			

## 600 - TEE INV. X MPT



CAT. NO.	1,2 INV. FLARE TUBE		3 MALE PIPE
	600B	3/16 X 1/8	
600C	1/4 X 1/8		

## 7898 - 7900 7901 TOWED TRAILER BRAKE TEES FOR HYDRAULIC BRAKES



CAT. NO.	A INV. SEAT		B INV. SEAT		C MALE THD.
	7898	1/4	1/4	1/4	
7900	3/16	3/16	3/16	3/16	
7901	1/4	3/16	1/4	1/4	

## 450W - ELBOW INV. FLARE X FEMALE PIPE



CAT. NO.	INV. FLARE		FEMALE PIPE
	450WC	1/4 X 1/8	
450WD	5/16 X 1/8		
450WEE	3/8 X 1/4		

# BRASS / NYLON BARB FITTINGS

## 220 - HOSE BARB X MALE PIPE



BRASS

CAT. NO.	HOSE I.D.	MALE PIPE
220A	1/8 X 1/8	
220A-1/16	1/8 X 1/16	
220AC	1/8 X 1/4	
220B	3/16 X 1/8	
220BB	3/16 X 1/4	
220C	1/4 X 1/8	
220C-1/16	1/4 X 1/16	
220CC	1/4 X 1/4	
220CE	1/4 X 3/8	
220CF	1/4 X 1/2	
220D	5/16 X 1/8	
220DD	5/16 X 1/4	
220DE	5/16 X 3/8	
220E	3/8 X 1/8	
220EE	3/8 X 1/4	
220EEE	3/8 X 3/8	
220EF	3/8 X 1/2	
220EJ	3/8 X 3/4	
220F	1/2 X 3/8	
220FC	1/2 X 1/4	
220FF	1/2 X 1/2	
220FJ	1/2 X 3/4	
220H	5/8 X 1/2	
220HC	5/8 X 1/4	
220HE	5/8 X 3/8	
220HJ	5/8 X 3/4	
220J	3/4 X 1/2	
220JE	3/4 X 3/8	
220JJ	3/4 X 3/4	
220NF	1" X 1/2	
220NJ	1" X 3/4	
220NN	1" X 1"	

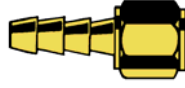
## 220SW - SWIVEL HOSE BARB X MALE PIPE



BRASS SWIVEL

CAT. NO.	HOSE I.D.	SWIVEL MALE PIPE
220SWCC	1/4 X 1/4	
220SWEE	3/8 X 1/4	
220SWEEE	3/8 X 3/8	
220SWF	1/2 X 3/8	
220SWFF	1/2 X 1/2	
220SWJJ	3/4 X 3/4	

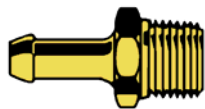
## 221 - HOSE BARB X FEMALE PIPE



BRASS

CAT. NO.	HOSE I.D.	FEMALE PIPE
221A	1/8 X 1/8	
221AC	1/8 X 1/4	
221B	3/16 X 1/8	
221BB	3/16 X 1/4	
221C	1/4 X 1/8	
221CC	1/4 X 1/4	
221CE	1/4 X 3/8	
221D	5/16 X 1/8	
221DD	5/16 X 1/4	
221DE	5/16 X 3/8	
221E	3/8 X 1/8	
221EE	3/8 X 1/4	
221EEE	3/8 X 3/8	
221EF	3/8 X 1/2	
221F	1/2 X 3/8	
221FC	1/2 X 1/4	
221FF	1/2 X 1/2	
221JJ	3/4 X 3/4	
221NJ	1" X 3/4	
221NN	1" X 1"	

## 809 - HOSE BARB X MALE PIPE THREAD



RIGID PIPE

CAT. NO.	HOSE I.D.	MALE PIPE
809B	3/16 X 1/8	
809C	1/4 X 1/8	
809CC	1/4 X 1/4	
809D	5/16 X 1/8	
809DD	5/16 X 1/4	
809E	3/8 X 1/8	
809EE	3/8 X 1/4	
809EEE	3/8 X 3/8	
809FC	1/2 X 1/4	
809F	1/2 X 3/8	
809HE	5/8 X 3/8	
809H	5/8 X 1/2	
809J	3/4 X 1/2	
809JJ	3/4 X 3/4	
809NJ	1" X 3/4	

## 222 - SPLICER



BRASS HOSE

CAT. NO.	HOSE I.D.
222A	1/8
222B	3/16
222C	1/4
222D	5/16
222E	3/8
222F	1/2
222H	5/8
222J	3/4
222N	1"

STAINLESS STEEL AVAILABLE

## NY222 - NYLON



REDUCING SIZES

CAT. NO.	HOSE I.D.	HOSE I.D.
NY222A	1/8	
NY222B	3/16	
NY222C	1/4	
NY222D	5/16	
NY222E	3/8	
NY222F	1/2	
NY222H	5/8	
NY222J	3/4	
NY222N	1"	

CAT. NO.	HOSE I.D.	HOSE I.D.
NY222RBA	3/16 X 1/8	
NY222RCA	1/4 X 1/8	
NY222RCB	1/4 X 3/16	
NY222REC	3/8 X 1/4	
NY222RFC	1/2 X 1/4	
NY222RFE	1/2 X 3/8	
NY222RHE	5/8 X 3/8	
NY222RHF	5/8 X 1/2	

## 227 - HOSE BARB WITH FLAT SEAT & WASHER X STRAIGHT FEMALE PIPE SWIVEL



BRASS STRAIGHT PIPE

CAT. NO.	HOSE I.D.	PIPE THREAD
227C	1/4 X 1/8	
227CC	1/4 X 1/4	
227EE	3/8 X 1/4	
227EEE	3/8 X 3/8	
227EF	3/8 X 1/2	
227F	1/2 X 3/8	
227FF	1/2 X 1/2	

## 225 - HOSE BARB BALL SEAT X STRAIGHT FEMALE PIPE SWIVEL



CAT. NO.	HOSE I.D.	STRAIGHT PIPE
225BB	3/16 X 1/4	
225C	1/4 X 1/8	
225CC	1/4 X 1/4	
225DD	5/16 X 1/4	
225EE	3/8 X 1/4	
225EEE	3/8 X 3/8	
225F	1/2 X 3/8	
225FF	1/2 X 1/2	
225JJ	3/4 X 3/4	

## 228 - STRAIGHT MALE PIPE WITH BALL SEAT X TAPER MALE PIPE



CAT. NO.	STRT PIPE	TAPER MALE PIPE
228A	1/8 X 1/8	
228C	1/4 X 1/8	
228CC	1/4 X 1/4	
228EE	3/8 X 1/4	
228EEE	3/8 X 3/8	
228EF	3/8 X 1/2	
228F	1/2 X 3/8	
228FF	1/2 X 1/2	
228JJ	3/4 X 3/4	

## 805NS - HOSE BARB X INVERTED FLARE RIGID

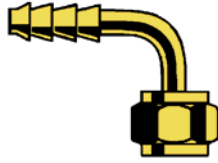


RIGID INVERTED

CAT. NO.	HOSE I.D.	INV. FLARE NUT
805NSDD	5/16 X 1/4	
805NSDDD	5/16 X 5/16	
805NSDE	5/16 X 3/8	
805NSE	3/8 X 5/16	
805NSEEE	3/8 X 3/8	

# BRASS BARB FITTINGS

## 640L -90° ELBOW HOSE BARB X FEMALE 45° FLARE SWIVEL NUT

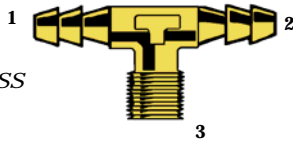


BRASS

FEM. 45°  
FLARE

CAT. NO.	HOSE I.D.	SWIVEL NUT
640LCC	1/4 X 1/4	
640LEEE	3/8 X 3/8	

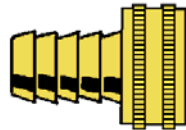
## 125Q - HOSE BARB TEE X MPT



BRASS

CAT. NO.	HOSE I.D.	MALE PIPE
125QEE	3/8 X 1/4	

## 620 - HOSE BARB X FEMALE GARDEN HOSE SWIVEL NUT



SWIVEL

CAT. NO.	HOSE I.D.	G.H. NUT
620CJ	1/4 X 3/4	
BARB LENGTH .65"		
620EJ*	3/8 X 3/4	
620FJ*	1/2 X 3/4	
620HJ*	5/8 X 3/4	
620JJ*	3/4 X 3/4	
BARB LENGTH .92"		
620LFJ**	1/2 X 3/4	
620LHJ**	5/8 X 3/4	
620LJJ**	3/4 X 3/4	

\* BARB LENGTH .92"  
WITH ROUND NUT  
(AS SHOWN)  
\*\* BARB LENGTH 1.19"  
WITH HEX NUT  
(NOT SHOWN)

## 619 - HOSE BARB X MALE GARDEN HOSE

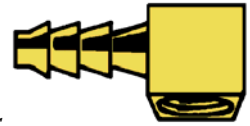


BRASS

CAT. NO.	HOSE I.D.	RIGID MALE G.HOSE
619EJ*	3/8 X 3/4	
619FJ*	1/2 X 3/4	
619HJ*	5/8 X 3/4	
619JJ*	3/4 X 3/4	
619LFJ**	1/2 X 3/4	
619LHJ**	5/8 X 3/4	
619LJJ**	3/4 X 3/4	

\* BARB LENGTH .92"  
\*\* BARB LENGTH 1.19"

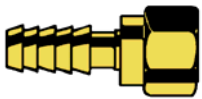
## 231 - HOSE BARB X FEMALE PIPE 90°



BRASS

CAT. NO.	HOSE I.D.	FEMALE PIPE
231C	1/4 X 1/8	
231CC	1/4 X 1/4	
231D	5/16 X 1/8	
231DD	5/16 X 1/4	
231E	3/8 X 1/8	
231EE	3/8 X 1/4	
231EEE	3/8 X 3/8	

## 640 - HOSE BARB X FEMALE 45° FLARE SWIVEL NUT



45° FLARE  
BRASS

FEMALE

CAT. NO.	HOSE I.D.	FLARE SWIVEL NUT
640CC*	1/4 X 1/4	
640CE	1/4 X 3/8	
640DE	5/16 X 3/8	
640E	3/8 X 3/8	
640EF*	3/8 X 1/2	
640F*	1/2 X 1/2	
640FH*	1/2 X 5/8	
640HH	5/8 X 5/8	
640JJ	3/4 X 3/4	

\* COMBINATION 37° & 45°  
FLARE SEAT. ALL OTHERS  
ARE 45° SEAT ONLY.  
USE WITH GASKET #B2

## 125P - HOSE BARB TEE X FEMALE PIPE



BRASS

CAT. NO.	HOSE I.D.	FEMALE PIPE
125PC	1/4 X 1/8	
125PCC	1/4 X 1/4	
125PD	5/16 X 1/8	
125PE	3/8 X 1/8	
125PEE	3/8 X 1/4	
125PEEE	3/8 X 3/8	

## 815L - HOSE BARB 90° ELBOW X SWIVEL INVERTED FLARE



SWIVEL

SWIVEL

INV.

CAT. NO.	HOSE I.D.	FLARE NUT
815LCC	1/4 X 1/4	
815LCD	1/4 X 5/16	
815LDDD	5/16 X 5/16	
815LED	3/8 X 5/16	
815LEEE	3/8 X 3/8	

## 639 - HOSE BARB X 45° MALE FLARE



BRASS  
45° FLARE

CAT. NO.	HOSE I.D.	FLARE O.D.
639CC	1/4 X 1/4	
639CE	1/4 X 3/8	
639E	3/8 X 3/8	
639F	1/2 X 1/2	

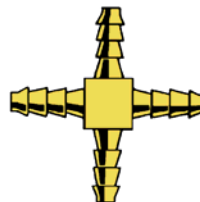
## 839 - HOSE BARB X 45° MALE FLARE



BRASS  
45° FLARE

CAT. NO.	HOSE I.D.	FLARE O.D.
839EEE	3/8 X 3/8	

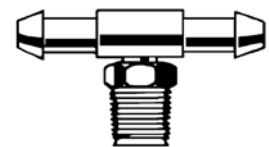
## 150 - HOSE BARB CROSS



BRASS

CAT. NO.	HOSE I.D.	ALL ENDS
150C	1/4	
150D	5/16	
150E	3/8	

## 815T - HOSE BARB TEE X SWIVEL INVERTED FLARE



CHROME PLATED  
SWIVEL

SWIVEL

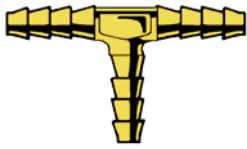
INV.

CAT. NO.	HOSE I.D.	FLARE NUT
815TED-CP	3/8 X 5/16	
815TEEE-CP	3/8 X 3/8	



# BRASS / NYLON BARB FITTINGS

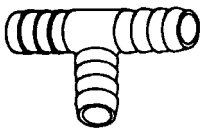
## 125 - TEE



BRASS

CAT. NO.	HOSE I.D. ALL ENDS
125B	3/16
125C	1/4
125D	5/16
125E	3/8
125F	1/2
125H	5/8
125J	3/4

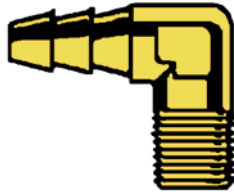
## NY125 - NYLON HOSE BARB TEE



NYLON

CAT. NO.	HOSE I.D. ALL ENDS
NY125A	1/8
NY125AA	5/32
NY125B	3/16
NY125C	1/4
NY125D	5/16
NY125E	3/8
NY125F	1/2
NY125H	5/8
NY125J	3/4
NY125N	1"

## 220L -90° ELBOW HOSE BARB X MALE PIPE



BRASS

CAT. NO.	HOSE I.D.	MALE PIPE
220LB	3/16 X 1/8	
220LC	1/4 X 1/8	
220LCC	1/4 X 1/4	
220LCE	1/4 X 3/8	
220LD	5/16 X 1/8	
220LDD	5/16 X 1/4	
220LDE	5/16 X 3/8	
220LE	3/8 X 1/8	
220LEE	3/8 X 1/4	
220LEEE	3/8 X 3/8	
220LEF	3/8 X 1/2	
220LF	1/2 X 3/8	
220LFC	1/2 X 1/4	
220LFF	1/2 X 1/2	
220LH*	5/8 X 1/2	
220LHE*	5/8 X 3/8	
816J**	3/4 X 1/2	
220LJJ	3/4 X 3/4	
220LNJ	1" X 3/4	
220LNN	1" X 1"	

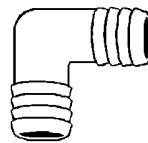
\* DOUBLE BARB  
\*\* SINGLE BARB

## 235 - HOSE BARB 90° ELBOW



CAT. NO.	HOSE I.D.	HOSE I.D.
235CC	1/4 X 1/4	
235CD	1/4 X 5/16	
235DD	5/16 X 5/16	
235EEE	3/8 X 3/8	
235FF	1/2 X 1/2	

## NY235 - NYLON HOSE BARB ELBOW



CAT. NO.	HOSE I.D. BOTH ENDS
NY235C	1/4
NY235E	3/8
NY235F	1/2
NY235H	5/8
NY235J	3/4

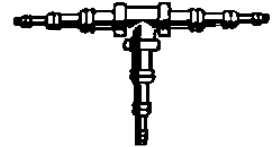
## 239 - 45° ELBOW HOSE BARB X MALE PIPE



BRASS

CAT. NO.	HOSE I.D.	MALE PIPE
239C	1/4 X 1/8	
239D	5/16 X 1/8	
239DD	5/16 X 1/4	
239E	3/8 X 1/8	
239EE	3/8 X 1/4	
239EEE	3/8 X 3/8	
239F	1/2 X 3/8	
239HE	5/8 X 3/8	

## BU125R - UNIVERSAL BREAK AWAY TEE



ABS PLASTIC

CAT. NO.	HOSE I.D.'S
BU125R-ACE	1/8 I.D. - 1/4 I.D. - 3/8 I.D.

## BU222R - UNIVERSAL BREAK AWAY SPLICER



ABS PLASTIC

CAT. NO.	HOSE I.D.'S
BU222R-ACE	1/8 I.D. - 1/4 I.D. - 3/8 I.D.

## 816 - HOSE BARB 90° ELBOW X MPT



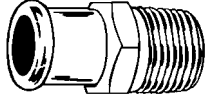
RIGID PIPE

CAT. NO.	HOSE I.D.	MALE PIPE
816C	1/4 X 1/8	
816D	5/16 X 1/8	
816DD	5/16 X 1/4	
816E	3/8 X 1/8	
816EE	3/8 X 1/4	
816EEE	3/8 X 3/8	
816F	1/2 X 3/8	
816HC	5/8 X 1/4	
816HE	5/8 X 3/8	
816H	5/8 X 1/2	
816J	3/4 X 1/2	
816JJ	3/4 X 3/4	

# STEEL / BRASS HEATER FITTINGS

## HE220 - HEATER HOSE STEEL CONNECTOR HOSE X MALE PIPE

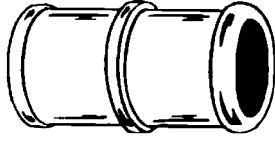
STEEL



CAT. NO.	HOSE I.D.	MALE PIPE
HE220HE	5/8 X 3/8	
HE220H	5/8 X 1/2	
HE220J	3/4 X 1/2	
HE220NF	1" X 1/2	
HE220NJ	1" X 3/4	

## HE222 - HEATER HOSE SPLICER

STEEL



CAT. NO.	HOSE I.D.
HE222F	1/2
HE222H	5/8
HE222J	3/4

## HE239 - HEATER HOSE 45° ELBOW HOSE X MALE PIPE

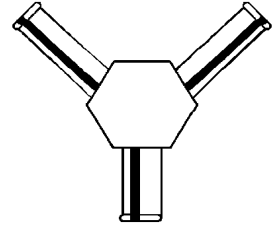
STEEL



CAT. NO.	HOSE I.D.	MALE PIPE
HE239J	3/4 X 1/2	

## HE125Y - HEATER HOSE STEEL "Y" (WYE) ALL ENDS HOSE

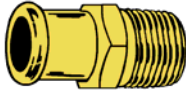
STEEL



CAT. NO.	HOSE I.D.
HE125YH	5/8
HE125YJ	3/4

## 809 - WATER LINE CONNECTOR

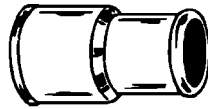
BRASS



CAT. NO.	HOSE I.D.	MALE PIPE
809B	3/16 X 1/8	
809C	1/4 X 1/8	
809CC	1/4 X 1/4	
809D	5/16 X 1/8	
809DD	5/16 X 1/4	
809E	3/8 X 1/8	
809EE	3/8 X 1/4	
809EEE	3/8 X 3/8	
809FC	1/2 X 1/4	
809F	1/2 X 3/8	
809HE	5/8 X 3/8	
809H	5/8 X 1/2	
809J	3/4 X 1/2	
809JJ	3/4 X 3/4	
809NJ	1" X 3/4	

## HE222R - HEATER HOSE REDUCING SPLICER

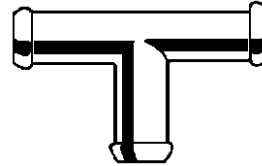
STEEL



CAT. NO.	HOSE I.D.	HOSE I.D.
HE222RHF	5/8 X 1/2	
HE222RJH	3/4 X 5/8	
HE222RNJ	1" X 3/4	

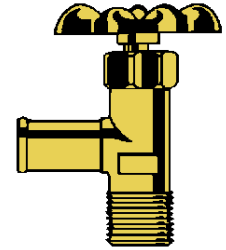
## HE125 - HEATER HOSE TEE ALL ENDS HOSE

STEEL



CAT. NO.	HOSE I.D.
HE125H	5/8
HE125J	3/4

## 229K - TRUCK SHUT-OFF VALVE BRASS BODY WHEEL HANDLE

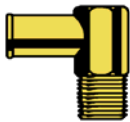


BRASS  
150 PSI MAX.

CAT. NO.	HOSE I.D.	MALE PIPE
229KEEE	3/8 X 3/8	
229KF	1/2 X 3/8	
229KHE	5/8 X 3/8	
229KHF	5/8 X 1/2	
229KJE	3/4 X 3/8	
229KJF	3/4 X 1/2	

## 816 - WATER LINE ELBOW

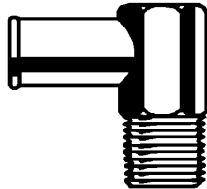
BRASS



CAT. NO.	HOSE I.D.	MALE PIPE
816C	1/4 X 1/8	
816D	5/16 X 1/8	
816DD	5/16 X 1/4	
816E	3/8 X 1/8	
816EE	3/8 X 1/4	
816EEE	3/8 X 3/8	
816F	1/2 X 3/8	
816HC	5/8 X 1/4	
816HE	5/8 X 3/8	
816H	5/8 X 1/2	
816J	3/4 X 1/2	
816JJ	3/4 X 3/4	

## HE229 - HEATER HOSE 90° ELBOW HOSE X MALE PIPE

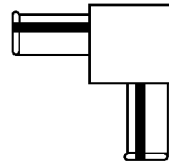
STEEL



CAT. NO.	HOSE I.D.	MALE PIPE
HE229HE	5/8 X 3/8	
HE229H	5/8 X 1/2	
HE229JE	3/4 X 3/8	

## HE235 - HEATER HOSE 90° ELBOW

STEEL

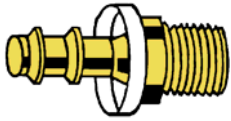


CAT. NO.	HOSE I.D.
HE235H	5/8 X 5/8
HE235HJ	5/8 X 3/4
HE235J	3/4 X 3/4

**ADDITIONAL VALVES ARE AVAILABLE ON PAGE 43P & 44P**

# BRASS STAYPUT BARB FITTINGS\* PUSH-ON TYPE

## 920 - HOSE STAYPUT BARB X MALE PIPE



PUSH ON		
CAT. NO.	HOSE I.D.	MALE PIPE
920C	1/4 X 1/8	
920CC	1/4 X 1/4	
920CE	1/4 X 3/8	
920D	5/16 X 1/8	
920DD	5/16 X 1/4	
920E	3/8 X 1/8	
920EE	3/8 X 1/4	
920EEE	3/8 X 3/8	
920EF	3/8 X 1/2	
920F	1/2 X 3/8	
920FC	1/2 X 1/4	
920FF	1/2 X 1/2	
920FJ	1/2 X 3/4	
920H	5/8 X 1/2	
920HE	5/8 X 3/8	
920HJ	5/8 X 3/4	
920J	3/4 X 1/2	
920JJ	3/4 X 3/4	
920NJ	1" X 3/4	
920NN	1" X 1"	
<u>SWIVEL</u>		
920SWCC	1/4 X 1/4	
920SWEE	3/8 X 1/4	
920SWEEE	3/8 X 3/8	
920SWF	1/2 X 3/8	
920SWFF	1/2 X 1/2	
920SWJJ	3/4 X 3/4	

## 905 - HOSE STAYPUT BARB X INV. NUT



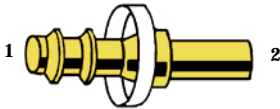
SWIVEL PUSH ON INV. FLARE NUT		
CAT. NO.	HOSE I.D.	INV. FLARE NUT
905CB	1/4 X 3/16	
905CC	1/4 X 1/4	
905CD	1/4 X 5/16	
905DC	5/16 X 1/4	
905DDD	5/16 X 5/16	
905DE	5/16 X 3/8	
905ED	3/8 X 5/16	
905EEE	3/8 X 3/8	
905FF	1/2 X 1/2	

## 922 - HOSE STAYPUT BARB SPLICER



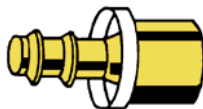
CAT. NO.	PUSH ON HOSE I.D.
922C	1/4
922D	5/16
922E	3/8
922F	1/2
922H	5/8
922J	3/4

## 922T- HOSE STAYPUT BARB X TUBING PUSH-ON HOSE TO COPPER TUBE (USE WITH COMPRESSION FITTINGS)



CAT. NO.	1 PUSH ON HOSE I.D.	2 TUBE O.D.
922TCB	1/4 X 3/16	
922TCC	1/4 X 1/4	
922TCD	1/4 X 5/16	
922TEEE	3/8 X 3/8	

## 900 - HOSE STAYPUT BARB X FEM. INV. FLARE



PUSH ON RIGID ON FEM. INV. FLARE		
CAT. NO.	HOSE I.D.	RIGID FEM. INV. FLARE
900CB	1/4 X 3/16	
900CC	1/4 X 1/4	
900CD	1/4 X 5/16	
900ED	3/8 X 5/16	
900EEE	3/8 X 3/8	
900FF	1/2 X 1/2	

## 940 - HOSE STAYPUT BARB X 45° SWIVEL FLARE NUT

USE #B2 GASKET (NOT INCL.)



CAT. NO.	PUSH ON HOSE I.D.	SWIVEL 45° FLARE NUT
940CC*	1/4 X 1/4	
940CD	1/4 X 5/16	
940CE	1/4 X 3/8	
940DDD	5/16 X 5/16	
940DE	5/16 X 3/8	
940EEE	3/8 X 3/8	
JB940EEE**	3/8 X 3/8	
940EF*	3/8 X 1/2	
940F	1/2 X 3/8	
940FF*	1/2 X 1/2	
940FH*	1/2 X 5/8	
940HF*	5/8 X 1/2	
940HH**	5/8 X 5/8	
940JJ	3/4 X 3/4	
JB940JJ**	3/4 X 3/4	

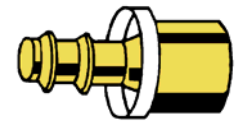
\* COMBINATION 37° & 45° FLARE SEAT  
\*\* 37° FLARE NUT  
OTHER SIZES ARE 45° SEAT

## 939 - HOSE STAYPUT BARB X MALE FLARE



CAT. NO.	PUSH ON HOSE I.D.	45° MALE FLARE
939CC	1/4 X 1/4	
939CD	1/4 X 5/16	
939DDD	5/16 X 5/16	
939EEE	3/8 X 3/8	
939FF	1/2 X 1/2	

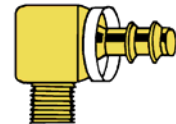
## 903 - HOSE STAYPUT BARB X FEM. PIPE



RIGID

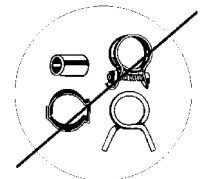
PUSH ON RIGID. ON HOSE FEM. PIPE		
CAT. NO.	HOSE I.D.	RIGID. FEM. PIPE
903CA	1/4 X 1/8	
903CC	1/4 X 1/4	
903CE	1/4 X 3/8	
903EE	3/8 X 1/4	
903EEE	3/8 X 3/8	
903F	1/2 X 3/8	
903FF	1/2 X 1/2	

## 929L - HOSE STAYPUT BARB X MALE PIPE



PUSH ON RIGID. ON HOSE MALE PIPE		
CAT. NO.	HOSE I.D.	RIGID. MALE PIPE
929LC	1/4 X 1/8	
929LCC	1/4 X 1/4	
929LD	5/16 X 1/8	
929LDD	5/16 X 1/4	
929LE	3/8 X 1/8	
929LEE	3/8 X 1/4	
929LEEE	3/8 X 3/8	
929LF	1/2 X 3/8	
929LFF	1/2 X 1/2	
929LJJ	3/4 X 3/4	

\* FITTINGS ON THIS PAGE ARE FOR PUSH-ON TYPE HOSE, AND DO NOT REQUIRE THE USE OF CLAMPS UNDER LOW PRESSURE. ALL ARE SUPPLIED WITH YELLOW PLASTIC COLLARS.



# POLY HOLD BRASS FITTINGS (FOR POLY TUBING)

## P220 - POLY TUBING BARB X MALE PIPE



BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.	MALE PIPE
P220C	1/4	.170	1/8
P220CC	1/4	.170	1/4
P220E	3/8	.250	1/8
P220EE	3/8	.250	1/4
P220F	1/2	.375	3/8

## P221 - POLY TUBING BARB X FEMALE PIPE



BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.	FEMALE PIPE
P221C	1/4	.170	1/8
P221CC	1/4	.170	1/4
P221E	3/8	.250	1/8
P221EE	3/8	.250	1/4
P221F	1/2	.375	3/8

## P222 - POLY TUBING UNION



BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE O.D.	POLY TUBE I.D.
P222C	1/4	1/4	.170
P222EC	3/8	1/4	(.250 I.D. X .170 I.D.)
P222E	3/8	3/8	.250
P222F	1/2	1/2	.375
P222FE	1/2	3/8	(.375 I.D. X .250 I.D.)

## SPECIFICATIONS:

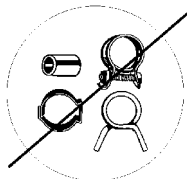
INSTRUCTIONS: Cut poly tubing square and push to shoulder of fitting. Tubing clamps **NOT** required when used on poly tubing within ranges stated below.

MAX WORKING PRESSURE AT 70° F

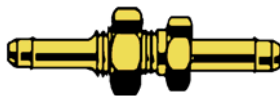
1/4 O.D. 130 PSI

3/8 O.D. 130 PSI

1/2 O.D. 80 PSI



## PL222 - POLY TUBING UNION BULKHEAD



BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.
PL222C	1/4	.170
PL222E	3/8	1/4

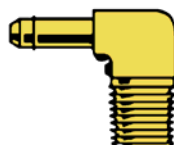
## P235 - POLY TUBING ELBOW



BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.
P235C	1/4	.170
P235E	3/8	1/4
P235F	1/2	3/8

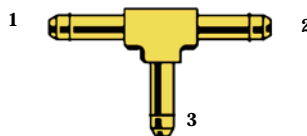
## P220L - POLY TUBING ELBOW X MALE PIPE



BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.	MALE PIPE
P220LC	1/4	.170	1/8
P220LCC	1/4	.170	1/4
P220LE	3/8	.250	1/8
P220LEE	3/8	.250	1/4
P220LF	1/2	.375	3/8

## P125 - POLY TUBING TEE



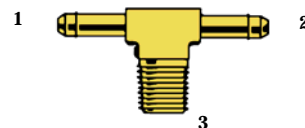
BRASS

CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.
P125C	1/4	.170
P125E	3/8	1/4
P125F	1/2	3/8

REDUCING SIZES (O.D.)

	1	2	3
P125EEC	3/8	X 3/8	X 1/4
P125FFE	1/2	X 1/2	X 3/8

## P125Q - POLY TUBING BRANCH TEE X MALE PIPE



BRASS

CAT. NO.	1,2 POLY TUBE O.D.	POLY TUBE I.D.	3 MALE PIPE
P125QC	1/4	.170	1/8
P125QE	3/8	.250	1/8
P125QEE	3/8	.250	1/4

## P1032 - CONNECTOR VINYL TUBING X 10-32 UNF STRAIGHT



10/32 UNF

CAT. NO.	VINYL TUBE O.D.	VINYL TUBE I.D.
P1032A	1/8 X 1/16	
P1032C	1/4 X 1/8	

MALE THREAD IS 10-32 UNF STRAIGHT.

## PLUG1 - PLUG FOR POLYETHYLENE TUBING



CAT. NO.	POLY TUBE O.D.	POLY TUBE I.D.
PLUG1-C	1/4	.170
PLUG1-E	3/8	.250



# WELDING MULTI-BARB BRASS HOSE FITTINGS

# SPACE HEATER 3/8 9/16-24 THREAD

## 224R - RIGHT HAND SWIVEL NUT WELDING CONNECTOR



1 RIGHT HAND  
2 FEM.  
CAT. HOSE THD.  
NO. I.D. THD.

224CR*	1/4	X 9/16-18
224DR*	5/16	X 9/16-18
224ER*	3/8	X 9/16-18

\*RIGHT HAND WELDING THREAD

## 223L - LEFT HAND WELDING CONNECTOR

LEFT HAND THREAD WITH BALL SEAT X TAPER MALE PIPE



LEFT HAND

CAT. LEFT MALE  
NO. HAND PIPE

223LC*	9/16-18	X 1/4
223LE*	9/16-18	X 3/8

\*LEFT HAND WELDING THREAD

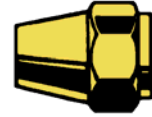
## 1601 - STANDARD POL NUT



CAT. NO. SIZE

1601	7/8" HEX 1" LONG
------	---------------------

## 621 - RADIANT FLARE NUT



(9/16-24)

CAT. TUBE  
NO. O.D.

621E	3/8
------	-----

## 224L - LEFT HAND SWIVEL NUT WELDING CONNECTOR



1 LEFT HAND  
2 FEM.  
CAT. HOSE FEMALE  
NO. I.D. THREAD.

224CL*	1/4	X 9/16-18
224DL*	5/16	X 9/16-18
224EL*	3/8	X 9/16-18

\*LEFT HAND WELDING THREAD

## 232R - RIGHT HAND WELDING UNION WITH BALL SEAT BOTH ENDS



RIGHT HAND

CAT. BOTH ENDS  
NO. RIGHT HAND

232R*	9/16-18
-------	---------

RIGHT HAND WELD THD.

## 1605 - LONG POL NIPPLE X MALE PIPE



CAT. NO. SIZE

1605	2.34" LONG 1/4 MALE PIPE
------	-----------------------------

## 623 - RADIANT FLARE UNION



(9/16-24)

CAT. TUBE  
NO. O.D.

623E	3/8
------	-----

## 223R - RIGHT HAND WELDING CONNECTOR

RIGHT HAND THREAD WITH BALL SEAT X TAPER MALE PIPE



RIGHT HAND

CAT. RIGHT MALE  
NO. HAND PIPE

223RC*	9/16-18	X 1/4
223RE*	9/16-18	X 3/8

\*RIGHT HAND WELDING THREAD

## 232L - LEFT HAND WELDING UNION WITH BALL SEAT BOTH ENDS



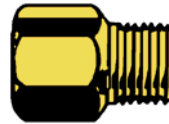
LEFT HAND

CAT. BOTH ENDS  
NO. LEFT HAND

232L*	9/16-18
-------	---------

LEFT HAND WELD THD.

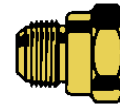
## 6486 - CONVERSION



CAT. NO. DESCRIPTION

6486E	3/8 MALE COMP X 9/16-24 FEM FLARE
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## 626 - RADIANT FLARE FEMALE CONNECTOR

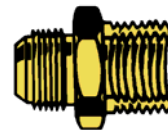


(9/16-24)

CAT. TUBE FEM.  
NO. O.D. PIPE

626EEE	3/8 X 3/8
626EF	3/8 X 1/2

## 627 - RADIANT FLARE MALE CONNECTOR


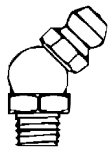



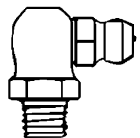




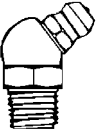




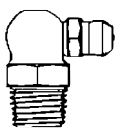



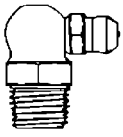
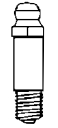


(9/16-24)

CAT. TUBE MALE FEM  
NO. O.D. PIPE PIPE

627EEE	3/8X3/8X1/8
627EF	3/8X1/2X3/8

# STEEL GREASE FITTINGS

CAT. NO.	CAT. NO.	CAT. NO.	LIST /100
<p style="text-align: center;"><b>1/8 MALE PIPE</b></p> <p><b>1/8 MALE PIPE</b></p>  <p>7000      .69" LENGTH</p>	<p style="text-align: center;"><b>1/4-28</b></p> <p><b>45° 1/4-28 SHORT THREAD</b></p>  <p>7210      .81" LENGTH</p>	<p><b>5/16-24 THREAD</b></p>  <p>7061      .66" LENGTH</p>	<p><b>12GR - GREASE FITTING ASSORTMENT</b></p>  <p>CAT. NO. 12GR      115 PCS</p> <p style="text-align: center;"><u>CONTENTS:</u></p> <p>10 - 7000    10 - 7100    10 - 7200            10 - 7300    10 - 7400    10 - 7010            10 - 7014    10 - 7210    10 - 7410            10 - 7050    5 - 7350    10 - 7029</p>
<p><b>1/8 MALE PIPE</b></p>  <p>7003      1.25" LENGTH</p>	<p style="text-align: center;"><b>1/4-28</b></p> <p><b>90° 1/4-28 SHORT THREAD</b></p>  <p>7410      .75" LENGTH</p>	<p><b>3/8-24 THREAD</b></p>  <p>7062      .62" LENGTH</p>	
<p><b>30° 1/8 MALE PIPE</b></p>  <p>7100      .91" LENGTH</p>	<p style="text-align: center;"><b>1/4 MALE PIPE</b></p> <p><b>1/4 MALE PIPE</b></p>  <p>7050      .88" LENGTH</p>	<p style="text-align: center;"><b>METRIC SIZES</b></p> 	
<p><b>45° 1/8 MALE PIPE</b></p>  <p>7200      .89" LENGTH</p>	<p style="text-align: center;"><b>1/4 MALE PIPE</b></p> <p><b>65° 1/4 MALE PIPE</b></p>  <p>7350      .88" LENGTH</p>	<p>CAT. NO.      SIZE</p> <p>8600      6MM            8800      8MM            8100      10MM</p>	
<p><b>65° 1/8 MALE PIPE</b></p>  <p>7300      .84" LENGTH</p>	<p style="text-align: center;"><b>DRIVE TYPE</b></p> <p><b>3/16 DRIVE TYPE</b></p>  <p>7033      .52" LENGTH</p>	<p style="text-align: center;"><b>METRIC</b></p> <p><b>45°</b></p> 	
<p><b>90° 1/8 MALE PIPE</b></p>  <p>7400      .84" LENGTH</p>	<p style="text-align: center;"><b>DRIVE TYPE</b></p> <p><b>1/4 DRIVE TYPE</b></p>  <p>7029      .55" LENGTH</p>	<p>CAT. NO.      SIZE</p> <p>8645      6MM            8845      8MM            8104      10MM</p>	
<p style="text-align: center;"><b>1/4-28</b></p> <p><b>1/4-28 SHORT</b></p>  <p>7010      .55" LENGTH</p>	<p style="text-align: center;"><b>DRIVE TYPE</b></p> <p><b>5/16 DRIVE TYPE</b></p>  <p>7030      .55" LENGTH</p>	<p style="text-align: center;"><b>METRIC</b></p> <p><b>90°</b></p> 	
<p style="text-align: center;"><b>1/4-28</b></p> <p><b>1/4-28 LONG</b></p>  <p>7014      .97" LENGTH</p>		<p>CAT. NO.      SIZE</p> <p>8690      6MM            8890      8MM            8109      10MM</p>	

### CROSS REFERENCE

COUPLINGS ITEM #	ALEMITE ITEM #	LINCOLN ITEM #
7000	1610B	5000
7003	1607B	5003
7100	1611B	5100
7200	1688B	5200
7300	1612B	5300
7400	1613B	5400
7010	1641B	5010
7014	1680B	5014
7210	1637B	5210
7410	1911B	5410
7050	1627B	5050
7350	1629B	5350
7033	1728B	5033
7029	1743B	5029
7030	1699B	5030
7061	1711B	5061
7062	1710B	5062

**INTERCHANGE NUMBERS FOR REFERENCE ONLY.**

**NOTE: LENGTHS SHOWN ARE APPROXIMATE.**

# STEEL BRAKE LINES

## 3/16 O.D. LINE PACKED 10 PER BAG

**ORDER IN MULTIPLES OF 10**

CAT. NO.	LENGTH
308	8"
312	12"
320	20"
330	30"
340	40"
351	51"
360	60"

## 1/4 O.D. LINE PACKED 10 PER BAG

**ORDER IN MULTIPLES OF 10**

CAT. NO.	LENGTH
408	8"
412	12"
420	20"
430	30"
440	40"
451	51"
460	60"

## 5/16 O.D. LINE PACKED 5 PER BAG

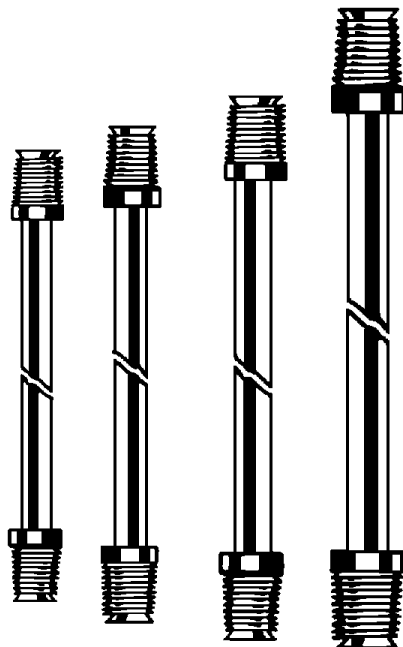
**ORDER IN MULTIPLES OF 5**

CAT. NO.	LENGTH
508	8"
512	12"
520	20"
530	30"
540	40"
551	51"
560	60"

## 3/8 O.D. LINE PACKED 5 PER BAG

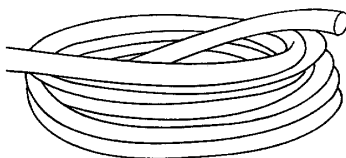
**ORDER IN MULTIPLES OF 5**

CAT. NO.	LENGTH
608	8"
612	12"
620	20"
630	30"
640	40"
651	51"
660	60"

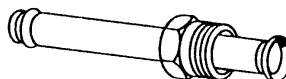


**STEEL BRAKE TUBING 25 FOOT AUTOMOTIVE GRADE SUPERTERNE COATED WALL THICKNESS .028 SOLD IN 25FT COILS. NOT BOXED INDIVIDUALLY. ORDER IN COILS**

CATALOG NUMBER	TUBE O.D.
ST1-B	3/16
ST1-C	1/4
ST1-D	5/16
ST1-E	3/8



## 1428 - ADAPTER TRANSMISSION 1429 - OIL COOLANT LINE



CAT. NO.	TUBE O.D.	TUBE LENGTH
1428	5/16	4 1/2"
1429	3/8	4 1/2"

**1441 1442 1443  
METRIC CONVERSION BRASS FITTINGS. WILL REPLACE METRIC BRAKE LINES WHEN SCREWED ONTO 3/16" O.D. DOMESTIC LINES**

**1441** - 3/16 FEM. INV. FLARE X 3/8-24 MALE BRITISH FLARE. FITS MOST ENGLISH CARS, & FIAT.

**1442** - 3/16 FEM INV FLARE X M10X1.0 SAE FLARE MALE. FOR MOST CONTINENTAL EUROPEAN CARS (GERMAN, FRENCH, ETC.)

**1443** - 3/16 FEM INV FLARE X M10X1 SAE FLARE MALE. FOR MOST JAPANESE CARS. (TOYOTA, NISSAN, MAZDA, ETC)



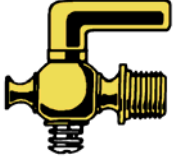
## BRAKE LINE RACK (RACK ONLY)



CAT. NO.	LINE SIZE
DR0304	3/16 & 1/4
DR05	5/16
DR06	3/8

# BRASS AIR COCKS - 100 PSI MAX (FOR AIR USE ONLY)

**307L -AIR DRAIN  
COCK  
LEVER HANDLE  
ROUND SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
307LA	1/8
307LC	1/4

**308T -AIR DRAIN  
COCK  
TEE HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
308TA	1/8
308TC	1/4
308TE	3/8
308TF	1/2

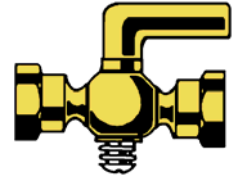
**348T -AIR COCK  
TEE HANDLE  
ROUND SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE & MALE PIPE
348TA	1/8
348TC	1/4
348TE	3/8
348TF	1/2

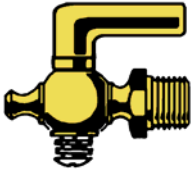
**431L -AIR COCK  
LEVER HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE PIPE
431LA	1/8
431LC	1/4
431LE	3/8
431LF	1/2

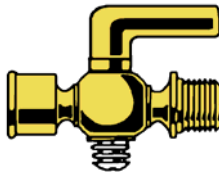
**308L -AIR DRAIN  
COCK  
LEVER HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
308LA	1/8
308LC	1/4
308LE	3/8
308LF	1/2
308LJ	3/4

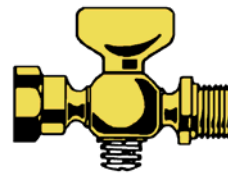
**348L -AIR COCK  
LEVER HANDLE  
ROUND SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE & MALE PIPE
348LA	1/8
348LC	1/4
348LE	3/8
348LF	1/2

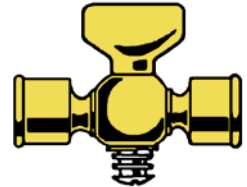
**448T -AIR COCK  
TEE HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE & MALE PIPE
448TA	1/8
448TC	1/4
448TE	3/8

**331T -AIR COCK  
TEE HANDLE  
ROUND SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE PIPE
331TA	1/8
331TC	1/4
331TE	3/8

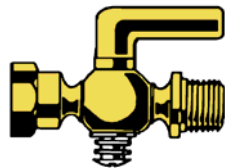
**307T -AIR DRAIN  
COCK  
TEE HANDLE  
ROUND SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
307TA	1/8
307TC	1/4

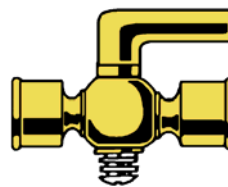
**448L -AIR COCK  
LEVER HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE & MALE PIPE
448LA	1/8
448LC	1/4
448LE	3/8
448LF	1/2

**331L -AIR COCK  
LEVER HANDLE  
ROUND SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE PIPE
331LA	1/8
331LC	1/4
331LE	3/8
331LF	1/2

# BRASS AIR COCKS - 100 PSI MAX (FOR AIR USE ONLY)

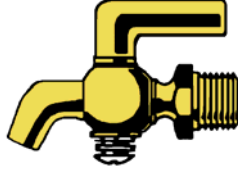
**431T -AIR DRAIN  
COCK  
TEE HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	FEMALE PIPE
431TA	1/8
431TC	1/4
431TE	3/8
431TF	1/2

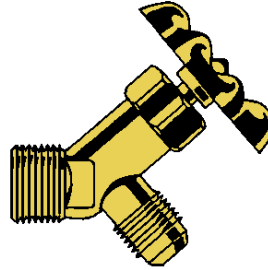
**349L -AIR COCK  
LEVER HANDLE BIBB  
NOSE DRAIN COCK  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
349LA	1/8
349LC	1/4
349LE	3/8
349LF	1/2

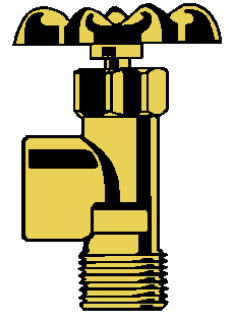
**18 - OIL TANK  
VALVE**



150 PSI MAX

CAT. NO.	FLARE	
	TUBE O.D.	MALE PIPE
18EEE	3/8 X 3/8	
18EF	3/8 X 1/2	
18EJ	3/8 X 3/4	
18FF	1/2 X 1/2	
18FJ	1/2 X 3/4	

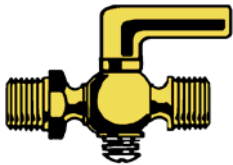
**21 TRUCK VALVE  
OIL TANK VALVE  
FEM PIPE X MALE PIPE**



150 PSI MAX.

CAT. NO.	FEMALE PIPE	MALE PIPE
	21EEE	3/8 X 3/8
21EF	3/8 X 1/2	
21FF	1/2 X 1/2	

**376L -AIR COCK  
LEVER HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
376LA	1/8
376LC	1/4
376LE	3/8
376LF	1/2

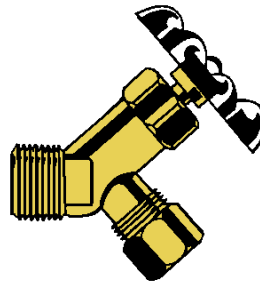
**349T -AIR COCK  
TEE HANDLE BIBB  
NOSE DRAIN COCK  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
349TA	1/8
349TC	1/4
349TE	3/8
349TF	1/2

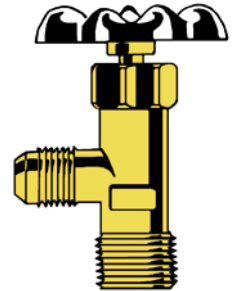
**18W -OIL TANK  
VALVE**



150 PSI MAX

CAT. NO.	COMPRESSION	
	TUBE O.D.	MALE PIPE
18WEJ	3/8 X 3/4	

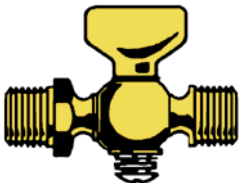
**19 - TRUCK VALVE  
OIL TANK VALVE**



150 PSI MAX.

CAT. NO.	FLARE	
	TUBE O.D.	MALE PIPE
19EE	3/8 X 1/4	
19EEE	3/8 X 3/8	
19EF	3/8 X 1/2	
19F	1/2 X 3/8	
19FF	1/2 X 1/2	
19H	5/8 X 1/2	

**376T -AIR COCK  
TEE HANDLE  
HEX SHOULDER**



100 PSI MAX.

CAT. NO.	MALE PIPE
376TA	1/8
376TC	1/4
376TE	3/8
376TF	1/2



# BRASS NEEDLE VALVES / KITS - COMPRESSION NEEDLE VALVES\* FOR REFRIGERATORS, ICE MAKERS, AND HUMIDIFIERS

## K123KC

KIT WITH 25FT POLYETHYLENE TUBING, SELF PIERCING NEEDLE VALVE, CLAMP, AND FITTINGS AS SHOWN

CAT. NO.	TUBE O.D.	MALE PIPE
K123KC	1/4	1/8

## C123KC

KIT WITH 25FT COPPER TUBING, SELF PIERCING NEEDLE VALVE, CLAMP, FLARE NUT, UNION, AND COMPRESSION UNION

CAT. NO.	TUBE O.D.	MALE PIPE
C123KC	1/4	1/8

**ICE MAKER - HUMIDIFIER  
EVAPORATIVE COOLERS  
INSTALLATION KIT**

SELF PIERCING SADDLE VALVE - 25' FDA APPROVED  
NON TOXIC POLYETHYLENE TUBING

NO DRILLING OR WATER SHUT OFF NECESSARY ON COPPER TUBE LINE

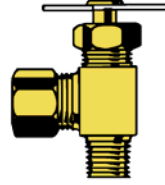
COUPLINGS COMPANY  
LINCOLNSHIRE ILLINOIS

SELF-TAPPING SADDLE VALVE  
Fits 3/8" to 1 1/8" O.D. Copper Tubing Without Drilling Or Shutting Off Water Supply. Stainless Steel Needle Prevents Plug Ups and Contamination. PART # 123KC-SP

NOTE:  
CLAMPING RANGE #123KC-SP, K123KC, AND C123KC IS 3/8" O.D. TO 1 3/8" O.D. COPPER TUBING. CLAMPING RANGE #PB123KC IS 3/8" O.D. TO 1 1/4" O.D. COPPER TUBING.

## 103K - NEEDLE VALVE

COMPRESSION TUBE X MALE PIPE



150 PSI MAX

CAT. NO.	TUBE O.D.	MALE PIPE
103KC	1/4	X 1/8
103KCC	1/4	X 1/4
103KD	5/16	X 1/8
103KEE	3/8	X 1/4

## 123KC-SP SELF PIERCING NEEDLE VALVE AND SADDLE CLAMP PACKAGE

PLASTIC BAG CONTENTS:  
NEEDLE VALVE, STEEL SADDLE CLAMP, NUTS, SLEEVES, & INSERTS FOR POLY & COPPER TUBING

COUPLINGS COMPANY  
LINCOLNSHIRE ILLINOIS

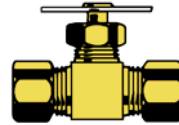
SELF-TAPPING SADDLE VALVE  
Fits 3/8" to 1 1/8" O.D. Copper Tubing Without Drilling Or Shutting Off Water Supply. Stainless Steel Needle Prevents Plug Ups and Contamination. PART # 123KC-SP

SELF PIERCING

CAT. NO.	TUBE O.D.	MALE PIPE
123KC-SP	1/4	1/8

## 106K - NEEDLE VALVE

COMPRESSION TUBE



150 PSI MAX.

CAT. NO.	TUBE O.D.
106KB	3/16
106KC	1/4
106KD	5/16
106KE	3/8

## PB123KC NEEDLE VALVE AND SADDLE CLAMP PACKAGE (NON SELF-PIERCING)

PLASTIC BAG CONTENTS:  
NEEDLE VALVE, STEEL SADDLE CLAMP, NUT, & SLEEVE FOR COPPER TUBING

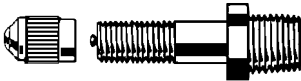
COUPLINGS COMPANY  
LINCOLNSHIRE ILLINOIS

SADDLE VALVE  
Fits 3/8" to 1 1/8" O.D. Copper Tubing Without Drilling Or Shutting Off Water Supply. Stainless Steel Needle Prevents Plug Ups and Contamination. PART # PB123KC

NON SELF PIERCING

CAT. NO.	TUBE O.D.	MALE PIPE
PB123KC	1/4	1/8

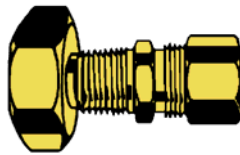
## 1V - TANK VALVE



200 PSI MAX. NICKEL PLATED SUPPLIED WITH PLASTIC VALVE CAP

CAT. NO.	MALE PIPE	LENGTH
1VAH	1/8	1.3"

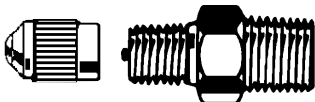
## 719-68 - REFRIGERATOR HOOK-UP FITTING



CAT. NO.	TUBE O.D.	FEMALE GDN HOSE
719-68	1/4	X 3/4

1/4 MALE COMPRESSION X 3/4 FEMALE GARDEN HOSE WITH WASHER

## 3V - TANK VALVE

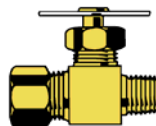


200 PSI MAX. NICKEL PLATED SUPPLIED WITH PLASTIC VALVE CAP

CAT. NO.	MALE PIPE	LENGTH
3VAH	1/8	1.00"
3VCH	1/4	1.12"

## 104K - NEEDLE VALVE

COMPRESSION TUBE X MALE PIPE



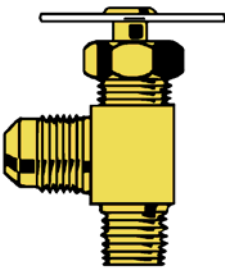
150 PSI MAX.

CAT. NO.	TUBE O.D.	MALE PIPE
104KC	1/4	X 1/8
104KCC	1/4	X 1/4
104KD	5/16	X 1/8
104KDD	5/16	X 1/4
104KEE	3/8	X 1/4

# FLARE NEEDLE VALVES\*

# NEEDLE VALVES "PIPE" / BALL VALVES

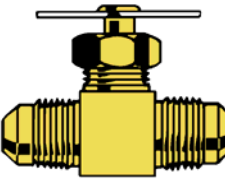
**103S - NEEDLE VALVE**  
MALE FLARE X MALE PIPE



150 PSI MAX.

CAT. NO.	TUBE O.D.	MALE PIPE
103SC	1/4	1/8
103SD	5/16	1/8
103SDD	5/16	1/4
103SEE	3/8	1/4

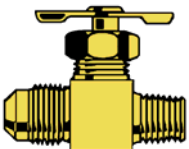
**106S - NEEDLE VALVE**  
MALE FLARE BOTH ENDS



150 PSI MAX.

CAT. NO.	TUBE O.D.
106SC	1/4
106SE	3/8

**104S - NEEDLE VALVE**  
MALE FLARE X MALE PIPE

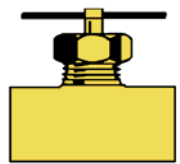


150 PSI MAX.

CAT. NO.	TUBE O.D.	MALE PIPE
104SC*	1/4	1/8
104SCC	1/4	1/4
104SD*	5/16	1/8
104SDD	5/16	1/4
104SEE	3/8	1/4

\* PIN HANDLE

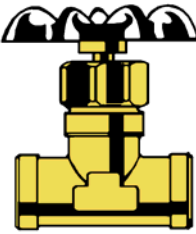
**105K - NEEDLE VALVE**  
FEMALE PIPE - PIN HANDLE



150 PSI MAX.

CAT. NO.	FEMALE PIPE
105KA	1/8
105KC	1/4

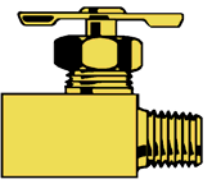
**105KS - NEEDLE VALVE**  
HEAVY DUTY FEMALE PIPE BOTH ENDS



150 PSI MAX.

CAT. NO.	FEMALE PIPE
105KSC	1/4

**108K - NEEDLE VALVE**  
FEMALE PIPE X MALE PIPE

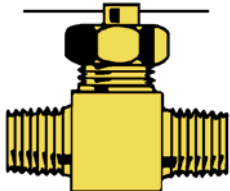


150 PSI MAX.

CAT. NO.	FEM. PIPE	MALE PIPE
108KA	1/8	1/8
108KC*	1/4	1/4

\* PIN HANDLE


**110K - NEEDLE VALVE**  
MALE PIPE



150 PSI MAX.

CAT. NO.	MALE PIPE
110KA	1/8
110KC	1/4

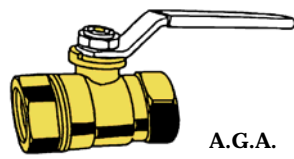
**12K - DRAIN COCK**  
WITH AIR VENT ON SIDE, INTERNAL SEAT, SLOTTED HEAD



150 PSI MAX.

CAT. NO.	MALE PIPE
12KA	1/8

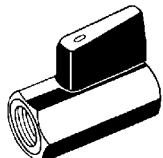
**BVS131 - BRASS FULL PORT BALL VALVE**  
600 W.O.G., A.G.A., U.L., CHROME PLATED BRASS BALL, VITON O RINGS



A.G.A.

CAT. NO.	FEMALE PIPE
BVS131C	1/4
BVS131E	3/8
BVS131F	1/2
BVS131J	3/4
BVS131N	1"
BVS131P	1&1/4"
BVS131Q	1&1/2"
BVS131T	2"
BVS131TT	2.5"
BVS131Y	3"
BVS131Z	4"

**BVB131 - BRASS MINI BALL VALVE**  
CHROME BODY AND BALL, NYLON WEDGE HANDLE VITON O RING, 450 PSI MAX.



CAT. NO.	FEMALE PIPE
BVB131A	1/8
BVB131C	1/4
BVB131E	3/8
BVB131F	1/2
H131F-AGA*	1/2
H131J-AGA*	3/4

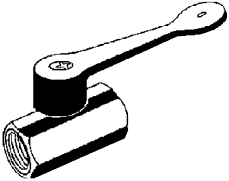
\*AGA APPROVED GAS COCK 5 PSI / GAS NOT PLATED

**BVB148**  
MALE AND FEMALE PIPE (WEDGE HANDLE AS ABOVE)

CAT. NO.	MALE / FEM. PIPE
BVB148A	1/8
BVB148C	1/4
BVB148E	3/8
BVB148F	1/2

450 PSI MAX.

**BVL131 - BRASS MINI BALL VALVE**  
CHROME BODY AND BALL, NYLON LEVER HANDLE, VITON O RING, 200 PSI MAX. 90° TURN HANDLE



CAT. NO.	FEMALE PIPE
BVL131C	1/4
BVL131E	3/8
BVL131F	1/2

CAT. NO.	MALE & FEMALE PIPE
BVL148C	1/4
BVL148E	3/8
BVL148F	1/2

**BVL148 BRASS MINI BALL VALVE**  
MALE & FEMALE PIPE  
LEVER HANDLE (AS ABOVE)  
200 PSI MAX.

\*NEEDLE VALVES NOT FOR GAS USE

# BRASS SHUT-OFF COCKS

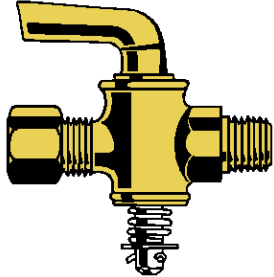
## COMPRESSION

## FLARED

## PIPE

### 27 - SHUT OFF COCK

COMPRESSION TUBE X MALE PIPE FOR AIR OR WATER



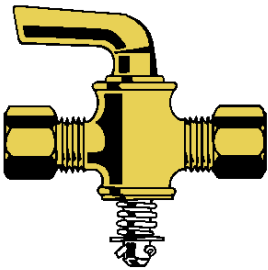
30 PSI MAX.

CAT. NO.	TUBE O.D.	MALE PIPE
27C	1/4 X 1/8	
27CC	1/4 X 1/4	
27D	5/16 X 1/8	
27DD	5/16 X 1/4	
27EE	3/8 X 1/4	
27EEE	3/8 X 3/8	

360° FREE TURNING HANDLE

### 28 - SHUT OFF COCK

COMPRESSION TUBE BOTH ENDS FOR AIR OR WATER



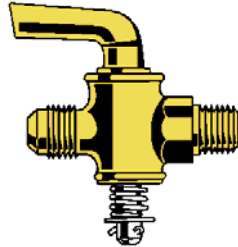
30 PSI MAX.

CAT. NO.	TUBE O.D.
28C	1/4
28D	5/16
28E	3/8
28F	1/2

360° FREE TURNING HANDLE

### 27S - SHUT OFF COCK

MALE FLARE X MALE PIPE FOR AIR OR WATER



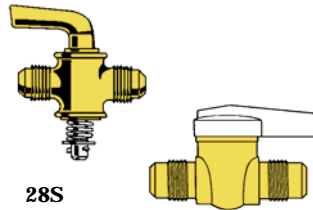
30 PSI MAX.

CAT. NO.	TUBE O.D.	FLARE MALE PIPE
27SC	1/4 X 1/8	
27SCC	1/4 X 1/4	
27SD	5/16 X 1/8	
27SDD	5/16 X 1/4	
27SEE	3/8 X 1/4	
27SEEE	3/8 X 3/8	
27SF	1/2 X 3/8	

360° FREE TURNING HANDLE

### 28S - SHUT OFF COCK

MALE FLARE BOTH ENDS FOR AIR OR WATER



30 PSI MAX.

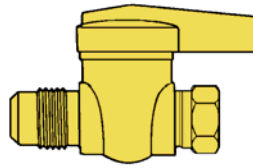
CAT. NO.	FLARE TUBE O.D.
28SC	1/4
28SD	5/16
28SE	3/8
28SE-ST*	3/8 AGA
28SF	1/2
28SF-ST*	1/2 AGA

\* 1/4 TURN NYLON HANDLE & AGA APPROVED. 5 PSI GAS 150 PSI AIR / WATER

ALL OTHERS 360° FREE TURNING HANDLE

### 31 - SHUT OFF

MALE FLARE X FEM. PIPE AGA APPROVED



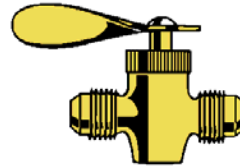
FLARE

CAT. NO.	TUBE O.D.	FEMALE PIPE
31EF-ST	3/8 X 1/2	
31FF-ST	1/2 X 1/2	

1/4 TURN NYLON HANDLE & AGA APPROVED 5 PSI GAS 150 PSI AIR / WATER

### H28S - SHUT OFF COCK

ENCLOSED SPRING, MALE FLARE X MALE FLARE



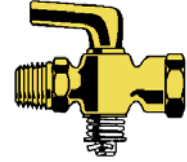
30 PSI MAX. O RING SEAL

CAT. NO.	FLARE TUBE O.D.
H28SC	1/4
H28SD	5/16
H28SE	3/8
H28SF	1/2

FOR AIR, WATER, GASOLINE, OIL, KEROSENE, LP GAS  
360° FREE TURNING HANDLE

### 148 - SHUT OFF COCK

MALE PIPE X FEMALE PIPE FOR AIR OR WATER ONLY 30 PSI MAX.

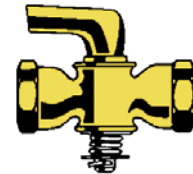


CAT. NO.	MALE & FEMALE PIPE
148A	1/8
148BC*	1/4
148C	1/4
148E	3/8

360° FREE TURNING HANDLE \* 150 PSI MAX.

### 131 - SHUT OFF COCK

FEM PIPE FOR AIR OR WATER ONLY 30 PSI MAX.

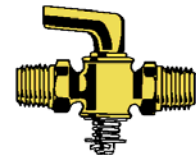


CAT. NO.	FEMALE PIPE
131A	1/8
131BC*	1/4
131C	1/4
131E	3/8

360° FREE TURNING HANDLE \* 150 PSI MAX.

### 176 - SHUT OFF COCK

MALE PIPE, FOR AIR OR WATER 30 PSI MAX.



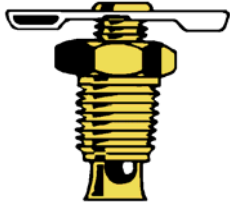
CAT. NO.	MALE PIPE
176A	1/8
176BC*	1/4
176C	1/4
176E	3/8

360° FREE TURNING HANDLE \* 150 PSI MAX.

# BRASS DRAIN COCKS AUTOMOTIVE RADIATOR AND INDUSTRIAL USE

## 9K - DRAIN COCK BACK SEATING TYPE

STEEL HANDLE  
EXTERNAL SEAT

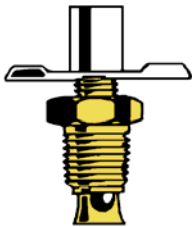


150 PSI MAX

CAT. NO.	MALE PIPE
9KA	1/8
9KC	1/4
9KE	3/8
9KF	1/2

## 10K - DRAIN COCK BACK SEATING TYPE

STEEL HANDLE  
EXTERNAL SEAT

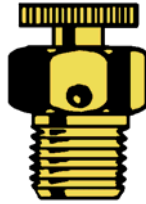


150 PSI MAX.

CAT. NO.	MALE PIPE
10KC	1/4

## 12K - DRAIN COCK

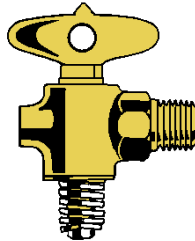
WITH AIR VENT ON SIDE  
INTERNAL SEAT  
INDUSTRIAL USE



150 PSI MAX.

CAT. NO.	MALE PIPE
12KA	1/8

## 18K - AIR BRAKE DRAIN COCK TEE HANDLE

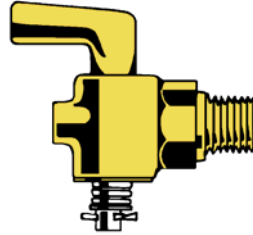


150 PSI MAX.

CAT. NO.	MALE PIPE
18KC	1/4

## 7L - DRAIN COCK LEVEL HANDLE

"OPEN" FLOW SHOWN

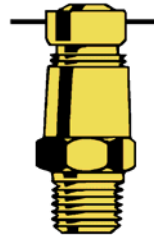


15 PSI MAX.

CAT. NO.	MALE PIPE
7LA	1/8
7LC	1/4
7LE	3/8
7LF	1/2

## 1K - DRAIN COCK

INTERNAL SEAT



150 PSI MAX.

CAT. NO.	MALE PIPE
1KA*	1/8
1KC	1/4
1KE	3/8
1KF	1/2

\* BRASS HANDLE

## 11K - DRAIN COCK

STEEL HANDLE  
INTERNAL SEAT

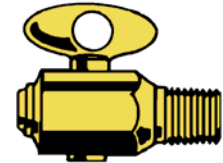


150 PSI MAX.

CAT. NO.	SPOUT (SP)	MALE PIPE
11KA*		SP X 1/8
11KC*		SP X 1/4

\*NOT DESIGNED FOR HOSE ATTACHMENT

## 14T - AIR BRAKE DRAIN COCK TEE HANDLE

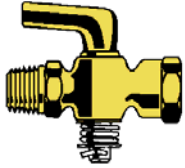


150 PSI MAX.

CAT. NO.	MALE PIPE
14TC	1/4

# TRUCK AIR BRAKE DRAIN AND SHUT OFF COCKS - BRASS

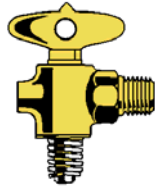
## 148B - AIR BRAKE SHUT OFF COCK LEVER HANDLE



150 PSI MAX.

CAT. NO.	MALE PIPE	FEMALE PIPE
148BC	1/4 X 1/4	

## 18K - AIR BRAKE DRAIN COCK TEE HANDLE



150 PSI MAX.

CAT. NO.	MALE PIPE
18KC	1/4

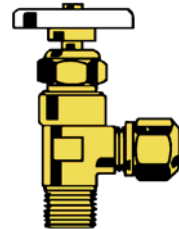
## 14T - AIR BRAKE DRAIN COCK TEE HANDLE



150 PSI MAX.

CAT. NO.	MALE PIPE
14TC	1/4

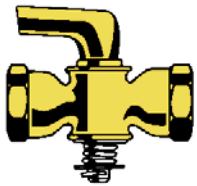
## 19TH - TRUCK VALVE FOR USE WITH NYLON AIR BRAKE TUBING



150 PSI MAX.

CAT. NO.	TUBE O.D.	MALE PIPE
19TH-FF	1/2 X 1/2	

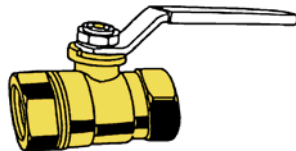
## 131B - AIR BRAKE SHUT-OFF COCK LEVER HANDLE



150 PSI MAX

CAT. NO.	FEMALE PIPE	FEMALE PIPE
131BC	1/4 X 1/4	

## BVS131 - BRASS FULL PORT BALL VALVE 600 W.O.G., A.G.A., U.L., CHROME PLATED BRASS BALL, VITON O RINGS



CAT. NO.	FEMALE PIPE
BVS131C	1/4
BVS131E	3/8
BVS131F	1/2
BVS131J	3/4
BVS131N	1"
BVS131P	1&1/4"
BVS131Q	1&1/2"
BVS131T	2"
BVS131TT	2.5"
BVS131Y	3"
BVS131Z	4"

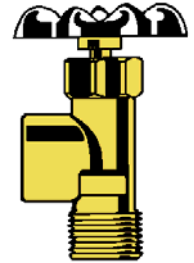
## 15W - AIR TANK DRAIN VALVE MALE PIPE TO DRAIN OUTLET. SELF SEALING WITH 5 FOOT CABLE



150 PSI MAX.

CAT. NO.	MALE PIPE
15WC	1/4

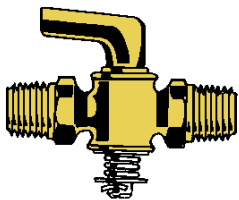
## 21 - TRUCK VALVE OIL TANK VALVE FEMALE PIPE THREAD X MALE PIPE THREAD BRASS



150 PSI MAX.

CAT. NO.	FEMALE PIPE	MALE PIPE
21EEE	3/8 X 3/8	
21EF	3/8 X 1/2	
21FF	1/2 X 1/2	

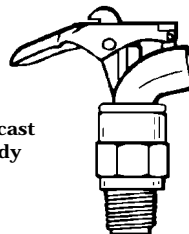
## 176B - AIR BRAKE SHUT-OFF COCK LEVER HANDLE



150 PSI MAX.

CAT. NO.	MALE PIPE	MALE PIPE
176BC	1/4 X 1/4	

## 20 - BARREL DRUM FAUCET SELF CLOSING

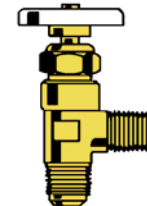


Die cast Body

FOR ALL PETROLEUM PRODUCTS EXCEPT TRICHLOR ETHYLENE. NOT INTENDED FOR DETERGENTS AND WATER SOLUTIONS OF CHEMICALS

CAT. NO.	MALE PIPE
20J	3/4

## 17S - TRUCK VALVE FLARE X MALE PIPE



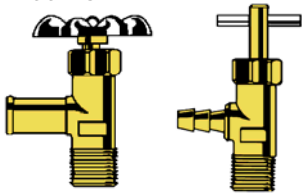
150 PSI MAX.

CAT. NO.	TUBE O.D.	MALE PIPE
17SH	5/8 X 1/2	



# BRASS / STEEL TRUCK VALVES

## 229K - TRUCK SHUT-OFF VALVE 21KP OFF VALVE BRASS BODY



229K 21KP

BRASS

150 PSI MAX.

CAT. NO.	HOSE I.D.	MALE PIPE
21KP-EEE	3/8 X 3/8	
229KEEE	3/8 X 3/8	
229KF	1/2 X 3/8	
229KHE	5/8 X 3/8	
229KHF	5/8 X 1/2	
229KJE	3/4 X 3/8	
229KJF	3/4 X 1/2	

## 21KW - TRUCK SHUT-OFF VALVE BRASS BODY WHEEL HANDLE

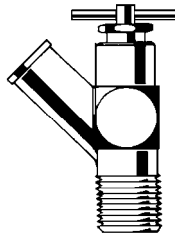


BRASS

150 PSI MAX.

CAT. NO.	HOSE I.D.	MALE PIPE
21KW-EEE	3/8 X 3/8	

## 226K - TRUCK SHUT-OFF VALVE STEEL BODY

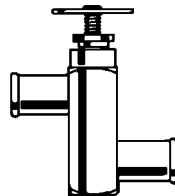


STEEL

150 PSI MAX.

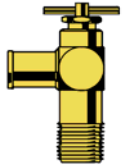
CAT. NO.	HOSE I.D.	MALE PIPE
226KHE	5/8 X 3/8	

## 222K - TRUCK SHUT-OFF VALVE STEEL BODY 150 PSI MAX.



CAT. NO.	HOSE I.D.	HOSE I.D.
222KF	1/2 X 1/2	
222KH	5/8 X 5/8	
222KJ	3/4 X 3/4	

## 227K - TRUCK SHUT-OFF VALVE BRASS OR STEEL BODY



BRASS / STEEL

150 PSI MAX.

CAT. NO.	HOSE I.D.	MALE PIPE
227KHE**	5/8 X 3/8	
227KHE-BR*	5/8 X 3/8	

\* BRASS \*\*STEEL

## 19 TRUCK VALVE OIL TANK VALVE

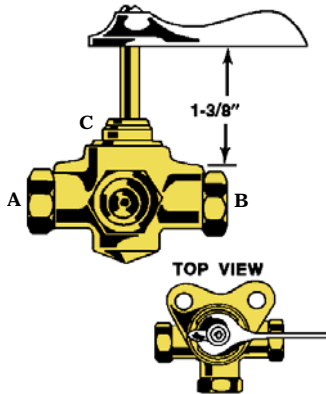
BRASS



150 PSI MAX.

CAT. NO.	FLARE TUBE O.D.	MALE PIPE
19EE	3/8 X 1/4	
19EEE	3/8 X 3/8	
19EF	3/8 X 1/2	
19F	1/2 X 3/8	
19FF	1/2 X 1/2	
19H	5/8 X 1/2	

## 95L - 3 WAY TRUCK VALVE AUXILIARY TANKS

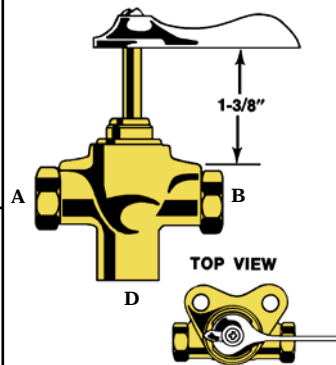


30 PSI MAX.  
FLOW: A TO C OR B TO C

CAT. NO.	FEMALE PIPE	ALL PORTS
95LA-K	1/8	CLICK
95LC-K	1/4	CLICK
95LE-K	3/8	CLICK

HANDLE WILL CLICK AT PORT POSITIONS

## 80L - 3 WAY TRUCK VALVE AUXILIARY TANKS

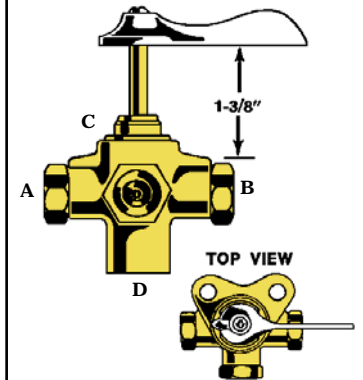


30 PSI MAX.  
FLOW: A TO D OR B TO D

CAT. NO.	FEMALE PIPE	ALL PORTS
80LC-K	1/4	CLICK

HANDLE WILL CLICK AT PORT POSITIONS

## 70L - FOUR WAY TRUCK VALVE AUXILIARY TANKS

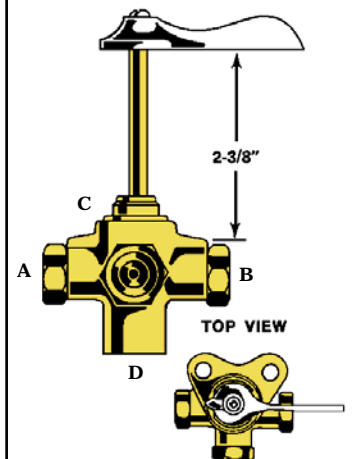


30 PSI MAX. FLOW: A TO D OR B TO D, OR C TO D

CAT. NO.	FEMALE PIPE	ALL PORTS
70LC-K	1/4	CLICK*
70LE-K	3/8	CLICK*

HANDLE WILL CLICK AT PORT POSITIONS

## 90L - 4 WAY TRUCK VALVE AUXILIARY TANKS



30 PSI MAX. FLOW: A TO D OR B TO D, OR C TO D

CAT. NO.	FEMALE PIPE	ALL PORTS
90LC-K	1/4	CLICK*
90LE	3/8	
90LE-K	3/8	CLICK*

\*HANDLE WILL CLICK AT PORT POSITIONS

# TUBING - GAUGES

## GF - GAUGES SD - GAUGES

LIQUID FILLED, STAINLESS CASE  
2-1/2" O.D.  
1/4 MALE PIPE THREAD



**LIQUID FILLED**

CAT. NO.	PSI RANGE
GF60	0 - 60 PSI
GF100	0 - 100 PSI
GF200	0 - 200 PSI
GF300	0 - 300 PSI
GF600	0 - 600 PSI
GF1000	0 - 1000 PSI
GF2000	0 - 2000 PSI
GF3000	0 - 3000 PSI

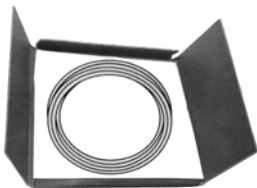
PLASTIC CASE - **DRY**  
2&1/2" O.D. 1/4 MALE PIPE

CAT. NO.	PSI RANGE
SD60	0 - 60 PSI
SD100	0 - 100 PSI
SD200	0 - 200 PSI

## TU-1 - SOFT AUTOMOTIVE COPPER TUBING

SOLD IN 25 FT. COILS  
BOXED INDIVIDUALLY  
**ORDER PER COIL**

AUTOMOTIVE

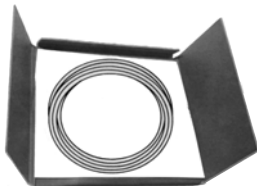


CAT. NO.	TUBE O.D.	WALL THICKNESS
TU-1A	1/8	.030
TU-1AA	5/32	.030
TU-1B	3/16	.030
TU-1C	1/4	.030
TU-1D	5/16	.032
TU-1E	3/8	.032
TU-1F	1/2	.032
TU-1G	7/16	.032
TU-1H	5/8	.035
TU-1J	3/4	.035

## TU-2 - SOFT REFRIGERATION COPPER TUBING

SOLD IN 50 FT. COILS  
SEALED AND DEHYDRATED  
BOXED INDIVIDUALLY  
**ORDER PER COIL**

REFRIGERATION

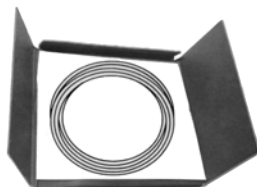


CAT. NO.	TUBE O.D.	WALL THICKNESS
TU-2A	1/8	.030
TU-2B	3/16	.030
TU-2C	1/4	.030
TU-2D	5/16	.032
TU-2E	3/8	.032
TU-2F	1/2	.032
TU-2H	5/8	.035
TU-2J	3/4	.035

## TU-6 - SOFT TRUCK AIRBRAKE COPPER TUBING

SOLD IN 50 FT. COILS  
BOXED INDIVIDUALLY  
**ORDER PER COIL**

AIR BRAKE



CAT. NO.	TUBE O.D.	WALL THICKNESS
TU-6C	1/4	.035
TU-6D	5/16	.042
TU-6E	3/8	.049
TU-6F	1/2	.049
TU-6H	5/8	.049
TU-6J	3/4	.049

## AL2 - SOFT ALUMINUM TUBING

SOLD IN 50 FT COILS  
WALL THICKNESS .035  
NOT BOXED INDIVIDUALLY  
**ORDER PER COIL**

ALUMINUM



CAT. NO.	TUBE O.D.
AL2A	1/8
AL2B	3/16
AL2C	1/4
AL2D	5/16
AL2E	3/8
AL2F	1/2
AL2H	5/8

## ST1 - STEEL BRAKE TUBING 25 FOOT AUTOMOTIVE GRADE SUPERTERNE COATED

WALL THICKNESS .028  
SOLD IN 25 FT. COILS  
NOT BOXED INDIVIDUALLY  
**ORDER PER COIL**

STEEL



CAT. NO.	TUBE O.D.
ST1-B	3/16
ST1-C	1/4
ST1-D	5/16
ST1-E	3/8

**STEEL BRAKE  
LINE ASSEMBLIES  
SOLD ON PAGE  
36P**

## PT - POLYETHYLENE TUBING

FDA APPROVED. **SOLD IN 100FT COILS** (NOT RECOMMENDED FOR NATURAL GAS)  
COLOR: NATURAL  
**ORDER PER COIL**

CAT. NO.	TUBE O.D.	TUBE I.D.	WALL THICK	MAX PRESSURE AT 70°F
PT100C	1/4	.170	.040	130 PSI
PT100D	5/16	3/16	.062	130 PSI
PT100E	3/8	1/4	.062	130 PSI
PT100F	1/2	3/8	.062	80 PSI
PT100H	5/8	1/2	.062	70 PSI
PT100J	3/4	1/2	1/8	100 PSI

## NT100R - NYLON TUBING INDUSTRIAL 6/6

COLOR: NATURAL (MILKY WHITE) SEMI-RIGID GENERAL PURPOSE TUBING. **SOLD IN 100FT COILS** TEMPERATURE RANGE: -40°F TO +180°F. DO NOT USE FOR TRUCK AIR BRAKE (SEE PAGE 12P/BELOW)  
**ORDER PER COIL**

**MAX WORKING PRESSURE AT 70° F IS 300 PSI**

CAT. NO.	TUBE O.D.	WALL THICKNESS
NT100R-A	1/8	.015
NT100R-B	3/16	.023
NT100R-C	1/4	.030
NT100R-D	5/16	.036
NT100R-E	3/8	.040
NT100R-F	1/2	.062

**NYLON AIR BRAKE TUBING**

TH100A	1/8	
TH100AA	5/32	
TH100C	1/4	BLACK
TH100D	5/16	100FT
TH100E	3/8	COILS
TH100F	1/2	
TH100H	5/8	
TH100J	3/4	

## VT100 - VINYL TUBING CLEAR

**SOLD IN 100FT BOXED COILS.** (NOT RECOMMENDED FOR NATURAL GAS)  
FDA APPROVED. CLEAR  
**ORDER PER COIL**

CAT. NO.	TUBE O.D.	TUBE I.D.	WALL THICK	MIN. BURST @ 70°F
VT100CA	1/4	1/8	1/16"	250
VT100EC	3/8	1/4	1/16"	200
VT100FE	1/2	3/8	1/16"	100
VT100HF	5/8	1/2	1/16"	100
VT100JH	3/4	5/8	1/16"	70
VT100NJ	1"	3/4	1/8"	100

# BRASS ASSORTMENTS

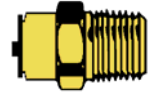
## BFS-PD - PUSH TO CONNECT DOT FITTING ASSORTMENT

DOT BRASS FITTINGS FOR TRUCK ACCESSORY  
SEE PAGE 23P FOR ADDITIONAL ITEMS  
HINGED PLASTIC BOX 29 ITEMS 61 PIECES

CAT. \_\_\_\_\_  
NO. \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
BFS-PD FITTINGS & CABINET



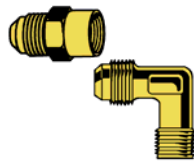
DOT UNIONS		PP68EEE-DT 3/8X3/8	3	PP69AA-DT 5/32X1/8	3
PP62AA-DOT 5/32	3	PP68EF-DOT 3/8X1/2	2	PP69C-DT 1/4X1/8	3
PP62C-DOT 1/4	3	PP68FF-DOT 1/2X1/2	2	PP69CC-DT 1/4X1/4	3
PP62E-DOT 3/8	3	PP68H-DOT 5/8X1/2	1	PP69EE-DT 3/8X1/4	3
PP62F-DOT 1/2	2	PP68J-DOT 3/4X1.2	1	PP69EEE-DT 3/8X3/8	2
PP62H-DOT 5/8	1	PP68JJ-DOT 3/4X3/4	1	PP69F-DT 1/2X3/8	1
PP62J-DOT 3/4	1			PP69FF-DT 1/2X1/2	1
DOT MALE CONN		SWIVEL MALE EL'S			
PP68AA-DOT 5/32X1/8	3	PP69SC-DOT 1/4X1/8	2		
PP68C-DOT 1/4X1/8	3	PP69SCC-DT 1/4X1/4	2		
PP68CC-DOT 1/4X1/4	3	PP69SEE-DT 3/8X1/4	2		
PP68EE-DOT 3/8X1/4	3	PP69SEEE-DT 3/8X3/8	2		
		PP69SFF-DT 1/2X3/8	1		
		PP69SFF-DT 1/2X1/2	1		



## BFS-11 - FLARE BRASS FITTING ASSORTMENT

FLARE FITTINGS FOR INDUSTRIAL & PLUMBING  
HINGED PLASTIC BOX 36 ITEMS 120 PIECES

CAT. \_\_\_\_\_  
NO. \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
BFS-11 FITTINGS & CABINET

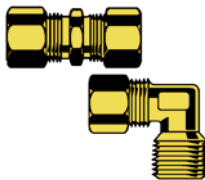


FLARE CAPS		42E 3/8X3/8	3	FLARE X MALE		49EF 3/8X1/2	3
N5C 1/4	4	42F 1/2X1/2	3	48C 1/4X1/8	3	49F 1/2X3/8	3
N5E 3/8	4			48CC 1/4X1/4	3	49FF 1/2X1/2	3
N5F 1/2	4	FLARE TEES		48EE 3/8X1/4	3		
		44E 3/8	3	48EEE3/8X3/8	3	FLARE X FEM. 90°	
FLARE NUTS		44F 1/2	3	48EF 3/8X1/2	3	50F 1/2X3/8	3
41C 1/4	5			48F 1/2X3/8	3	54EEE3/8X3/8	3
41E 3/8	10	FLARE X FEM.		48FF 1/2X1/2	3	54EF 3/8X1/2	3
41F 1/2	5	46EEE3/8X3/8	3	48H 5/8X1/2	3	54FF 1/2X1/2	3
41H 5/8	3	46EF 3/8X1/2	3			54FJ 1/2X3/4	3
		46FF 1/2X1/2	3	FLARE X MALE 90°		54HJ 5/8X3/4	3
FLARE UNIONS		46FJ 1/2X3/4	3	49C 1/4X1/8	3		
42C 1/4X1/4	2	46HJ 5/8X3/4	2	49EEE3/8X3/8	3		

## BFS-12 - COMPRESSION BRASS FITTING ASSORTMENT

COMPRESSION FITTINGS FOR INDUSTRIAL & PLUMBING. HINGED PLASTIC BOX 36 ITEMS 199 PIECES

CAT. \_\_\_\_\_  
NO. \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
BFS-12 FITTINGS & CABINET

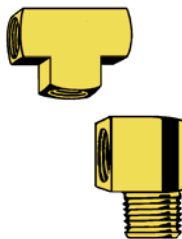


COMP. SLEEVES		L61F 1/2	10	COMP. X MALE		COMP X MALE 90°	
60B 3/16	10	L61H 5/8	5	68C 1/4X1/8	5	69C 1/4X1/8	5
60C 1/4	10			68D 5/16X1/8	5	69EE 3/8X1/4	3
60D 5/16	10	COMP. UNIONS		68EE 3/8X1/4	5	69EEE3/8X3/8	5
60E 3/8	10	62C 1/4	2	68EEE3/8X3/8	5	L69F 1/2X3/8	2
L60F 1/2	10	62D 5/16	2	68EF 3/8X1/2	5	L69FF 1/2X1/2	2
L60H 5/8	10	62E 3/8	3	68F 1/2X3/8	5		
COMP. NUTS		L62F 1/2	3	L68FF 1/2X1/2	5	COMP X FEM 90°	
61B 3/16	10	L62H 5/8	2	L68H 5/8X1/2	4	70EEE3/8X3/8	3
61C 1/4	10					70EF 3/8X1/2	3
61D 5/16	10	COMP. TEES		COMP. X FEMALE			
61E 3/8	10	64C 1/4	2	77EEE3/8X3/8	3		
		64E 3/8	2	77EF 3/8X1/2	3		

## BFS-16 - PIPE FITTINGS BRASS FITTING ASSORTMENT

HINGED PLASTIC BOX - 36 ITEMS 217 PIECES

CAT. \_\_\_\_\_  
NO. \_\_\_\_\_ DESCRIPTION \_\_\_\_\_  
BFS-16 FITTINGS & CABINET

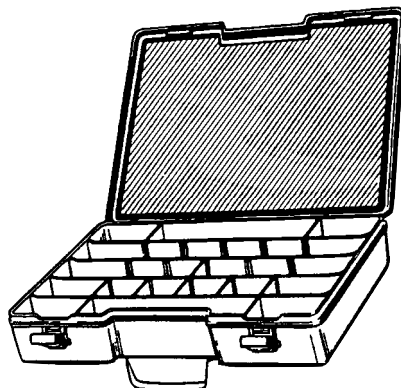


PIPE TEES		HEX BUSHINGS		REDUCERS		45° STREET ELBOW	
101SA 1/8	5	110C 1/4X1/8	10	119C 1/4X1/8	5	124SA 1/8X1/8	5
101SC 1/4	5	110E 3/8X1/8	10	119EE 3/8X1/4	3	124SC 1/4X1/4	5
PIPE COUPLINGS		110EE 3/8X1/4	10	REDUCING ADPTR		STREET TEES	
L103A 1/8	5	110F 1/2X3/8	5	120RCA 1/4X1/8	5	FEM X MALE X FEM	
L103C 1/4	5	110FC 1/2X1/4	5	120REC 3/8X1/4	5	127A 1/8X1/8	3
L103E 3/8	5	CLOSE NIPPLES				127C 1/4X1/4	3
109A 1/8	10	112A 1/8	10	STREET ELBOWS		FEM X FEM X MALE	
109C 1/4	10	112C 1/4	5	116SA-97 1/8	5	127SA 1/8X1/8	3
109E 3/8	10	HEX NIPPLES		116SC-97 1/4	5	127SC 1/4X1/4	3
109XA 1/8	10	112XA 1/8	5	116SE-30 3/8	5		
109XC 1/4	10	112XC 1/4	5				
109XE 3/8	10	LONG NIPPLES					
		117A1&1/2 1/8X1.5	5				
		117C1&1/2 1/4 X 1.5	5				

BOX FOR ABOVE ASSORTMENTS

#1936BR

18"W X 12"D X 3"H



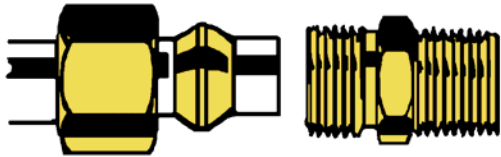
# ASSEMBLY INFORMATION

## COMPRESSION TUBE FITTINGS

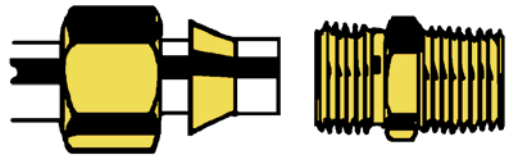
(Do NOT flare tubing)

To Install:

- (1) Slip Tubing Through Nut and Sleeve
- (2) Insert Tubing Into Fitting Up To Shoulder
- (3) Tighten Nut - This Action Spins The Sleeve Onto Tubing Making The Sleeve A Component of The Tubing



Standard Compression Assembly



Stastrate Sleeve Assembly



Suregrip Sleeve Assembly

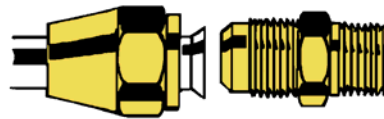


Plastic Sleeve / Insert Assembly

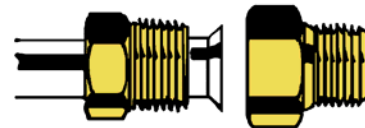
## SAE FLARED TUBE FITTINGS

To Install:

1. Slide Flare Nut On Tubing
2. Flare Tubing
3. Screw Flare Nut On Tubing This Seals The Flared End Of Tubing Between The Nut And The Fitting.



Standard Flare Assembly



Inverted Flare Assembly

## AIR BRAKE

To Install:

1. Cut Tubing To Desired Length
2. Slide Nut & Sleeve On Tubing
3. Insert Tubing Into Fitting & Make Sure It Bottoms On Shoulder
4. Wrench Tighten Nut.



For Nylon Airbrake Tubing



For Copper Airbrake Tubing

## AIR BRAKE REUSEABLE HOSE

To Install:

1. Slide Nut On To Hose.
2. Slide Sleeve On To Hose With Tapered Edge Toward Fitting Body.
3. Bottom Hose Into Fitting.
4. Tighten Nut Until It Contacts Body Hex.
5. If Reassembling, Do Not Reuse Sleeve



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  8. On all orders for special goods we reserve the right to ship ten percent over or under the quantities ordered.
  9. Orders are accepted and entered with the understanding that after manufacture has started, material cannot be held for deferred deliveries, or revised or canceled in whole or in part without our being reimbursed for work already performed.
  10. No goods are to be returned to us without our written permission. All goods returned must be in resalable condition. Credit for return goods will be figured on the basis of original selling price or current market price, whichever is lower.
- Return Policy**  
A 25% HANDLING CHARGE APPLIES TO RETURNED MERCHANDISE PURCHASED WITHIN 6 MONTHS.  
A 50% HANDLING CHARGE APPLIES TO RETURNED MERCHANDISE PURCHASED WITHIN 6 MONTHS - 1 YEAR.  
WE CANNOT ACCEPT RETURNS OF MERCHANDISE AFTER 1 YEAR OF DATE OF INVOICE.
11. Tools, patterns, and fixtures for any work remain our sole property and is to remain on our possession. There will be no additional charge for upkeep or replacement, but, if at any time a period of two years has elapsed since receipt of an order requiring the use of such tools, etc., we may thereafter make any such use or disposition of these items as we determine, without any accounting to the customer for such use or disposition or for the proceeds thereof.
  12. Typographical errors are subject to correction.
  13. Purchaser guarantees that the material hereby purchased or ordered and the sale or use of it will not infringe any United States or foreign Letters Patent, and agrees to defend, protect, and save harmless Seller, its successors, assigns, customers, and users of its products; against all suits at law or in equity, and from all damages, claims, and demands, for actual or alleged infringement of any Patent by reason of the sale or use of the material hereby ordered or purchased.
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