



BRASS PIPE FITTINGS

CONSTRUCTION • CA360, CA345, CA3604, CA377 Brass



APPLICATIONS • Use with brass, copper or iron pipe



•Temperature Range: -65° to +250° F

RANGES

•Pressure Range: Up to 1000 PSI



Pipe Thread Assembly:

Straight Fittings:

1. Hand Tighten
2. 1/8" to 1/2": Wrench Tight 2 Full 360° Turns
- 1/2" & Above: 1 1/2" Full Turns

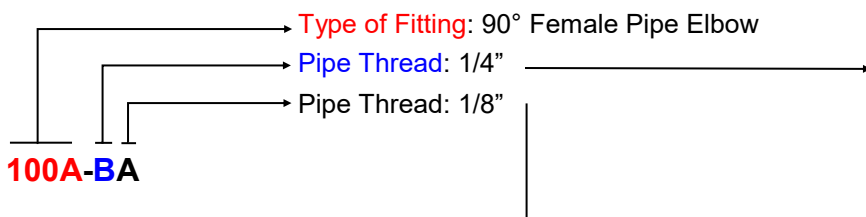
Shaped Fittings:

1. Hand Tighten
2. Wrench Tight 1" to 1 1/2" Full 360° Turns

**For NPTF Pipe Threads with Pre-Applied Sealant*

ORDERING INFORMATION

- Parts that include "F" in the part number, for example, 101AF-A, are supplied forgings.
- Parts that include "PBF" or "LF" are supplied as low lead compliant fittings.
- Part number without the "PBF" distinction are NOT lead free compliant.
- Nomenclature Example:



NOTES

- Non-stock items and special parts are available on a quotation basis.
- Configurations and dimensions are subject to change without notice.



Quality Matters!
Our Pipe Threads are made with the proper wall thickness and are made to dry-seal specifications.

⚠ WARNING: Products offered by Robo-Fit can expose you to chemicals such as lead, a chemical which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov

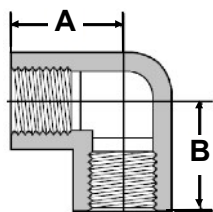


<p>100A 90° Female Elbow</p> 	<p>100-45A 45° Female Elbow</p> 	<p>101A Female Pipe Tee</p> 	<p>102A Female Cross Tee</p> 	<p>103A Female Coupling</p> 	<p>104A Ground Joint</p> 
<p>108A Pipe Cap</p> 	<p>109A (Cored)</p> 	<p>109AS (Solid) Square Head Plug</p> 	<p>109CS Counter Sunk Plug</p> 	<p>110FB Face Bushing</p> 	<p>110A Hex Bushing</p> 
<p>111A Lock Nut</p> 	<p>112A Close Nipple</p> 	<p>113A Yellow Brass Nipple</p> 	<p>113RB Red Brass Nipple</p> 	<p>116A 90° Street Elbow</p> 	<p>116AL 90° Long Street Elbow</p> 
<p>116AM 90° Male Elbow</p> 	<p>117A Slotted Plug</p> 	<p>119A Reducer</p> 	<p>120A Adapter</p> 	<p>121A (Cored) Hex Head Plug</p> 	<p>121AS (Solid) Hex Head Plug</p> 
<p>122A Hex Nipple</p> 	<p>123A Hex Reducing Nipple</p> 	<p>124A 45° Street Elbow</p> 	<p>127A Street Tee</p> 	<p>127S Street Tee (FXMXM)</p> 	<p>T9 Branch Tee</p> 
<p>T12 Male Tee</p> 	<p>129A Bulkhead</p> 				

100A 90° ELBOW FPT TO FPT

PART NUMBER	PIPE THREAD	A	B
100A-A	1/8"	.59	.59
100AF-A	1/8"	.58	.58
100A-B	1/4"	.78	.78
100AF-B	1/4"	.72	.72
100A-BA	1/4" x 1/8"	.72	.72
100A-C	3/8"	.84	.84
100A-CB	3/8" x 1/4"	.84	.84
100AF-CB	3/8" x 1/4"	.81	.81
100A-D	1/2"	.84	.84
100AF-D	1/2"	1.00	1.00
100A-DC	1/2" x 3/8"	1.00	1.00
100AF-DC	1/2" x 3/8"	1.00	1.00
100A-E	3/4"	1.18	1.18
100AF-E	3/4"	1.10	1.10

REF SAE 130238



Forged Style

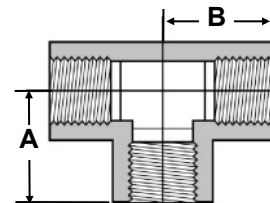


Barstock Style

101A TEE FPT ALL ENDS

PART NUMBER	PIPE THREAD	A	B
101A-A	1/8"	.56	.56
101AF-A	1/8"	.56	.56
101A-B	1/4"	.75	.75
101AF-B	1/4"	.72	.72
101A-BBA	1/4" x 1/4" x 1/8"	.69	.69
101A-C	3/8"	.84	.84
101AF-C	3/8"	.84	.84
101A-CCB	3/8" x 3/8" x 1/4"	.80	.85
101A-D	1/2"	1.09	1.09
101AF-D	1/2"	.98	.98
100A-DDC	1/2" x 1/2" x 3/8"	1.00	1.00
101A-E	3/4"	1.18	1.18
101AF-E	3/4"	1.13	1.13

REF SAE 130438



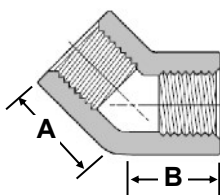
Forged Style



Barstock Style

100-45A ELBOW 45° FPT TO FPT

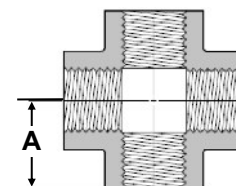
PART NUMBER	PIPE THREAD	A	B
100-45A-A	1/8"	.46	.46
100-45A-B	1/4"	.64	.64
100-45A-C	3/8"	.61	.61
100-45A-D	1/2"	.91	.91
100-45A-E	3/4"	1.00	1.00



Barstock Style

102A CROSS FPT ALL ENDS

PART NUMBER	PIPE THREAD	A
102A-A	1/8"	.65
102AF-A	1/8"	.52
102A-B	1/4"	.78
102AF-B	1/4"	.66
102A-C	3/8"	.98
102AF-C	3/8"	.82
102AF-D	1/2"	1.08
102A-D	1/2"	1.07
102AF-E	3/4"	1.18



Forged Style

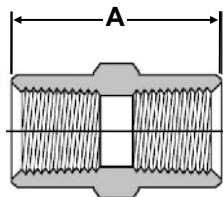


Barstock Style

103A COUPLING FPT TO FPT

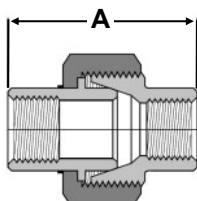
PART NUMBER	PIPE THREAD	A	HEX
103AH-A	1/8"	.75	9/16"
103AH-B	1/4"	1.12	3/4"
103AH-C	3/8"	1.12	7/8"
103AH-D	1/2"	1.50	1-1/16"
103AH-E	3/4"	1.53	1-3/8"

REF SAE 130138



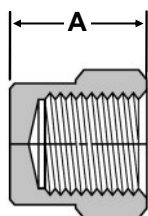
104A GROUND JOINT UNION FPT TO FPT

PART NUMBER	PIPE THREAD	A	HEX
104A-A	1/8"	1.19	9/16"
104A-B	1/4"	1.22	11/16"
104A-C	3/8"	1.72	11/16"
104A-D	1/2"	1.78	15/16"
104A-E	3/4"	1.88	1-1/4"



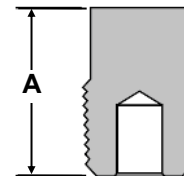
108A PIPE CAP

PART NUMBER	PIPE THREAD	A	HEX
108A-A	1/8"	.47	9/16"
108A-B	1/4"	.59	11/16"
108A-C	3/8"	.69	13/16"
108A-D	1/2"	.78	15/16"
108A-E	3/4"	.94	1-1/4"



109A SQUARE HEAD PLUG CORED

PART NUMBER	PIPE THREAD	A
109A-A	1/8"	.58
109A-B	1/4"	.70
109A-C	3/8"	.73
109A-D	1/2"	.93
109A-E	3/4"	1.00
109A-F	1"	1.20



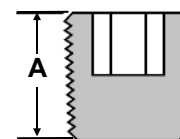
109AS SQUARE HEAD PLUG SOLID

PART NUMBER	PIPE THREAD	A
109AS-D	1/2"	.93
109AS-E	3/4"	1.00
109AS-F	1"	1.20



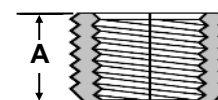
109CS COUNTER-SUNK PLUG

PART NUMBER	PIPE THREAD	A
109CS-A	1/8"	.30
109CS-B	1/4"	.45
109CS-C	3/8"	.45
109CS-D	1/2"	.60
109CS-E	3/4"	.55



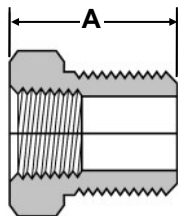
110FB FACE BUSHING

PART NUMBER	PIPE THREAD	A
110FB-CB	3/8" x 1/4"	.50
110FB-DB	1/2" x 1/4"	.53
110FB-DC	1/2" x 3/8"	.53
110FB-ED	3/4" x 1/2"	.55



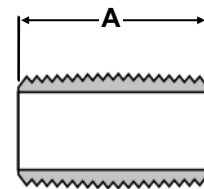
110A HEX BUSHING

PART NUMBER	PIPE THREAD	A	HEX
110A-BA	1/4" x 1/8"	.62	9/16"
110AH-BA	1/4" x 1/8"	.75	9/16"
110A-CA	3/8" x 1/8"	.69	11/16"
110AH-CA	3/8" x 1/8"	.75	11/16"
110A-CB	3/8" x 1/4"	.69	11/16"
110AH-CB	3/8" x 1/4"	.75	3/4"
110A-DA	1/2" x 1/8"	.81	13/16"
110AH-DA	1/2" x 1/8"	1.00	7/8"
110A-DB	1/2" x 1/4"	.81	13/16"
110AH-DB	1/2" x 1/4"	1.00	7/8"
110A-DC	1/2" x 3/8"	.81	13/16"
110AH-DC	1/2" x 3/8"	1.00	7/8"
110A-EA	3/4" x 1/8"	.94	1-1/16"
110AH-EA	3/4" x 1/8"	1.00	1-1/8"
110A-EB	3/4" x 1/4"	.94	1-1/16"
110AH-EB	3/4" x 1/4"	1.00	1-1/8"
110A-EC	3/4" x 3/8"	.94	1-1/16"
110AH-EC	3/4" x 3/8"	1.00	1-1/8"
110A-ED	3/4" x 1/2"	.94	1-1/16"
110AH-ED	3/4" x 1/2"	1.00	1-1/8"
110A-FB	1" x 1/4"	1.12	1-3/8"
110A-FC	1" x 3/8"	1.12	1-3/8"
110A-FD	1" x 1/2"	1.12	1-3/8"
110A-FE	1" x 3/4"	1.12	1-3/8"



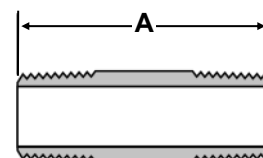
112A CLOSE NIPPLE

PART NUMBER	PIPE THREAD	A
112A-A	1/8"	.75
112A-B	1/4"	.88
112A-C	3/8"	1.00
112A-D	1/2"	1.12
112A-E	3/4"	1.31
112A-F	1"	1.31



113A LONG NIPPLE (YELLOW BRASS)

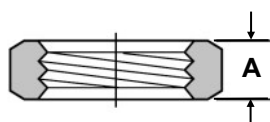
PART NUMBER	PIPE THREAD	A
113A-A15	1/8"	1-1/2"
113A-B15	1/4"	1-1/2"
113A-C15	3/8"	1-1/2"
113A-D15	1/2"	1-1/2"
113A-E15	3/4"	1-1/2"
113A-A2	1/8"	2"
113A-B2	1/4"	2"
113A-C2	3/8"	2"
113A-D2	1/2"	2"
113A-A25	1/8"	2.5"
113A-B25	1/4"	2.5"
113A-C25	3/8"	2.5"
113A-D25	1/2"	2.5"
113A-E25	3/4"	2.5"
113A-E3	3/4"	3"



REF SAE 130140 (AH Style)

111A LOCK NUT

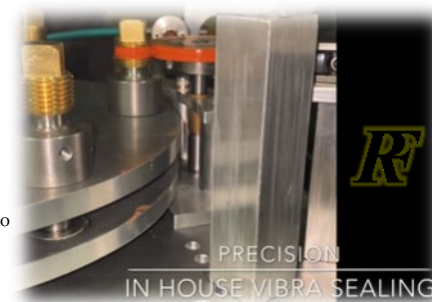
PART NUMBER	PIPE THREAD	A	HEX
111A-A	1/8"	.19	11/16"
111A-B	1/4"	.25	7/8"
111A-C	3/8"	.31	1"
111A-D	1/2"	.25	1-1/8"
111A-E	3/4"	.33	1-1/2"



Pre-Applied Thread Sealant Available

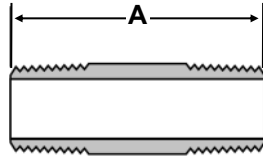
Want thread sealant applied to your pipe ends?

We apply our sealant in house with our custom made sealant applicator, capable of completing up to 1,000pcs per hour.



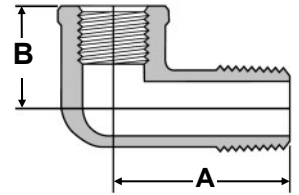
113RB LONG NIPPLE (RED BRASS)

PART NUMBER	PIPE THREAD	A
113RB-A25	1/8"	2-1/2"
113RB-B25	1/4"	2-1/2"
113RB-C25	3/8"	2-1/2"
113RB-D25	1/2"	2-1/2"
113RB-E25	3/4"	2-1/2"
113RB-A3	1/8"	3"
113RB-B3	1/4"	3"
113RB-C3	3/8"	3"
113RB-D3	1/2"	3"
113RB-E3	3/4"	3"
113RB-A35	1/8"	3-1/2"
113RB-B35	1/4"	3-1/2"
113RB-C35	3/8"	3-1/2"
113RB-D35	1/2"	3-1/2"
113RB-E35	3/4"	3-1/2"
113RB-A4	1/8"	4"
113RB-B4	1/4"	4"
113RB-C4	3/8"	4"
113RB-D4	1/2"	4"
113RB-E4	3/4"	4"
113RB-A45	1/8"	4-1/2"
113RB-B45	1/4"	4-1/2"
113RB-C45	3/8"	4-1/2"
113RB-D45	1/2"	4-1/2"
113RB-E45	3/4"	4-1/2"
113RB-A5	1/8"	5"
113RB-B5	1/4"	5"
113RB-C5	3/8"	5"
113RB-D5	1/2"	5"
113RB-E5	3/4"	5"
113RB-A55	1/8"	5-1/2"
113RB-B55	1/4"	5-1/2"
113RB-C55	3/8"	5-1/2"
113RB-D55	1/2"	5-1/2"
113RB-E55	3/4"	5-1/2"
113RB-A6	1/8"	6"
113RB-B6	1/4"	6"
113RB-C6	3/8"	6"
113RB-D6	1/2"	6"
113RB-E6	3/4"	6"

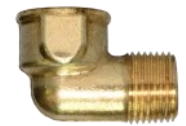


116A 90° STREET ELBOW

PART NUMBER	PIPE THREAD	A	B
116A-A	1/8"	.62	.35
116AF-A	1/8"	.81	.56
116A-A-BK	1/8"	.62	.48
116A-B	1/4"	.78	.43
116AF-B	1/4"	.86	.44
116A-B-BK	1/4"	.91	.72
116A-C	3/8"	1.00	.89
116AF-C	3/8"	.98	.68
116A-C-BK	3/8"	.97	.78
116A-D	1/2"	1.25	1.03
116AF-D	1/2"	1.43	.94
116A-D-BK	1/2"	1.25	1.03
116A-E	3/4"	1.40	1.08
116AF-E	3/4"	1.50	.91
116A-E-BK	3/4"	1.39	1.10



Mailbox Style



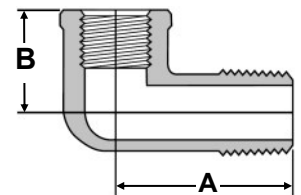
Forged Style



Block Style

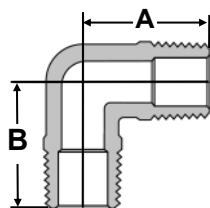
116AL STREET ELBOW LONG PATTERN

PART NUMBER	PIPE THREAD	A	B
116AL-A	1/8"	.80	.46
116AL-B	1/4"	1.10	.68
116AL-C	3/8"	1.29	.95



116AM MALE ELBOW

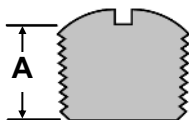
PART NUMBER	PIPE THREAD	A	B
116AM-A	1/8"	.69	.69
116AMF-A	1/8"	.71	.71
116AM-B	1/4"	.88	.88
116AMF-B	1/4"	1.09	1.09
116AMF-BA	1/4" x 1/8"	.77	.95
116AM-C	3/8"	1.06	1.06
116AM-CB	3/8" x 1/4"	.92	.92
116AM-D	1/2"	1.40	1.40
116AMF-D	1/2"	1.41	1.41
116AM-DC	1/2" x 3/8"	1.02	1.12



Forged Style Shown: 116AMF-A

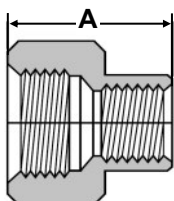
117A SLOTTED PLUG

PART NUMBER	PIPE THREAD	A
117A-A	1/8"	.30
117A-B	1/4"	.45
117A-C	3/8"	.45



119A REDUCER FPT TO FPT

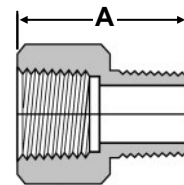
PART NUMBER	PIPE THREAD	A	Hex
119AH-BA	1/4" x 1/8"	.96	3/4"
119A-CA	3/8" x 1/8"	1.00	3/4"
119AH-CB	3/8" x 1/4"	1.16	7/8"
119A-DA	1/2" x 1/8"	1.19	15/16"
119AH-DB	1/2" x 1/4"	1.38	1-1/16"
119AH-DC	1/2" x 3/8"	1.38	1-1/16"
119A-ED	3/4" x 1/2"	1.19	1-1/4"
119AH-ED	3/4" x 1/2"	1.50	1-3/8"



REF SAE 130138 (AH Style)

120A ADAPTER FPT TO MPT

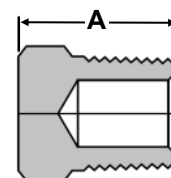
PART NUMBER	PIPE THREAD	A	Hex
120AH-AA	1/8" x 1/8"	.87	9/16"
120AH-BA	1/4" x 1/8"	1.06	3/4"
120AH-BB	1/4" x 1/4"	1.06	3/4"
120A-CA	3/8" x 1/8"	1.00	3/4"
120AH-CB	3/8" x 1/4"	1.25	7/8"
120AH-CC	3/8" x 3/8"	1.25	1.06
120AH-DB	1/2" x 1/4"	1.46	1-1/16"
120AH-DC	1/2" x 3/8"	1.46	1-1/16"
120AH-DD	1/2" x 1/2"	1.65	1-1/16"
120A-ED	3/4" x 1/2"	1.22	1-1/4"



REF SAE 130139 (AH Style)

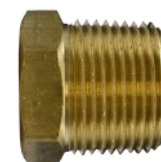
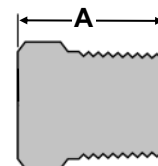
121A HEX HEAD PLUG CORED

PART NUMBER	PIPE THREAD	A	Hex
121A-A	1/8"	.56	7/16"
121A-B	1/4"	.62	9/16"
121A-C	3/8"	.72	11/16"
121A-D	1/2"	.81	7/8"
121A-E	3/4"	.84	1-1/16"
121A-F	1"	1.12	1-3/16"



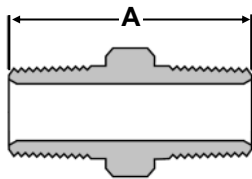
121AS HEX HEAD PLUG SOLID

PART NUMBER	PIPE THREAD	A	Hex
121AS-A	1/8"	.56	7/16"
121AS-B	1/4"	.62	9/16"
121AS-C	3/8"	.72	11/16"
121AS-D	1/2"	.81	7/8"
121AS-E	3/4"	.94	1-1/16"



122A HEX NIPPLE

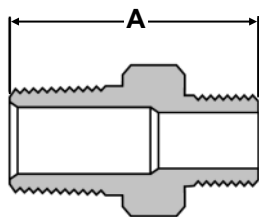
PART NUMBER	PIPE THREAD	A	Hex
122AH-A	1/8"	.97	7/16"
122AH-B	1/4"	1.37	9/16"
122AH-C	3/8"	1.40	11/16"
122AH-D	1/2"	1.81	7/8"
122AH-E	3/4"	1.96	1-1/8"



REF SAE 130137

123A HEX REDUCING NIPPLE

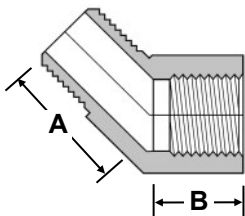
PART NUMBER	PIPE THREAD	A	Hex
123AH-BA	1/4" x 1/8"	1.18	9/16"
123AH-CA	3/8" x 1/8"	1.21	11/16"
123AH-CB	3/8" x 1/4"	1.40	11/16"
123AH-DB	1/2" x 1/4"	1.62	7/8"
123AH-DC	1/2" x 3/8"	1.62	7/8"
123A-ED	3/4" x 1/2"	1.50	1-1/16"



REF SAE 130137 (AH Style)

124A STREET ELBOW 45°

PART NUMBER	PIPE THREAD	A	B
124A-A	1/8"	.38	.50
124A-B	1/4"	.74	.55
124A-C	3/8"	.78	.56
124A-D	1/2"	.98	.74
124A-E	3/4"	1.125	.75



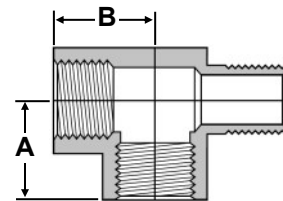
REF SAE 130339



Forged Style Shown: 124AF-A

127A STREET TEE FPT TO MPT TO FPT

PART NUMBER	PIPE THREAD	A	B
127A-A	1/8"	.55	.56
127A-B	1/4"	.78	.91
127A-C	3/8"	.84	1.03
127A-D	1/2"	1.16	1.16



REF SAE 130339

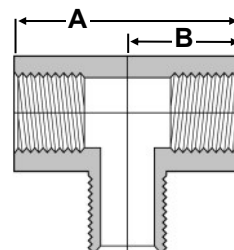


Forged Style Shown: 127AF-D



T9 BRANCH TEE FPT TO FPT TO MPT

PART NUMBER	PIPE THREAD	A	B
T9-222	1/8"	.62	.31
T9-444	1/4"	1.50	.75
T9-666	3/8"	1.60	.80
T9-888	1/2"	2.14	1.07

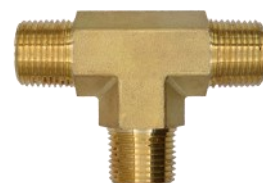


REF SAE 130425



T12 MALE TEE, MPT ALL ENDS

PART NUMBER	PIPE THREAD
T12-222	1/8"
T12-444	1/4"
T12-666	3/8"
T12-888	1/2"





129A BULKHEAD ADAPTER FPT TO FPT

PART NUMBER	A	B	C	Body Hex	Nut Hex
129AS-A	.96	1/8" FPT	5/8"-18	7/8"	15/16"
129A-A	1.50	1/8" FPT	5/8"-18	7/8"	15/16"
129AS-B	.92	1/4" FPT	3/4"-16	1"	1 1/16"
129A-B	1.50	1/4" FPT	3/4"-16	1"	1 1/16"
129A-C	1.32	3/8" FPT	1"-14	1 1/8"	1 1/4"
129A-D	1.50	1/2" FPT	1 1/8"-14	1 1/4"	1 3/8"
129A-E	1.50	3/4" FPT	1-5/16"-12	1 1/2"	1 1/2"

