



## NYLON AIR BRAKE DOT FITTINGS

### CONSTRUCTION

- CA360 Brass (Straights)
- CA360 Brass (Shapes)



### APPLICATIONS

- Air Brake Systems



- Temperature Range: -40° to 200° F.

### RANGES

- Pressure Range: Up to 150 PSI



### Assembly Instructions

1. Cut tubing squarely—using a tube cutter.
2. Make sure all fittings involved in the assembly are clean of burrs and debris.
3. Insert nylon air brake tubing firmly into the fitting until it bottoms out.
4. Tighten nut according to the chart listed below:

Tube Size	Turns Past Hand-Tight
3/16	2.5
1/4	3
3/8 + 1/2	4
5/8 + 3/4	3.5

### Application Details:

Transportation Air Brake Systems, Air Suspensions, Cabin Controls:

Trucks, Trailers, RVs, Buses, Fire Trucks, & Rail.




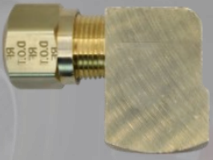
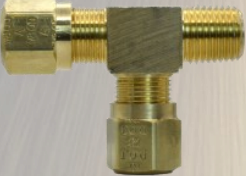
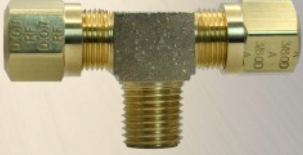


### NOTES

- Fittings meet SAE and DOT FMVSS 571.106
- Non-stock items and special parts are available on a quotation basis.
- Configurations and dimensions are subject to change without notice.

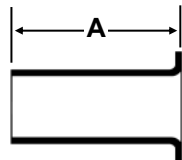
**⚠ WARNING:** Products offered by Robo-Fit can expose you to chemicals such as lead, a chemical which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



<p><b>59A</b> Tube Support Insert</p> 	<p><b>60NAB</b> Sleeve</p> 	<p><b>61NAB</b> Nut</p> 	<p><b>62NAB</b> Union Tube, Both Ends</p> 
<p><b>62NABH</b> Bulkhead Union</p> 	<p><b>64NAB</b> Union Tee</p> 	<p><b>65NAB</b> 90° Union Elbow</p> 	<p><b>66NAB</b> Female Connector</p> 
<p><b>68NAB</b> Male Connector</p> 	<p><b>68NABH</b> Bulkhead Connector</p> 	<p><b>69NAB</b> 90° Male Elbow</p> 	<p><b>70NAB</b> 90° Female Elbow</p> 
<p><b>71NAB</b> Male Run Tee</p> 	<p><b>72NAB</b> Male Branch Tee</p> 	<p><b>79NAB</b> 45° Male Elbow</p> 	

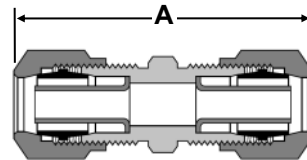
## 59A TUBE SUPPORT INSERT

PART NUMBER	Tube O.D.	A
59A-4	1/4"	.51
59A-6	3/8"	.64
59A-8	1/2"	.81
59A-10	5/8"	.86
59A-12	3/4"	1.06



## 62NAB UNION TUBE, BOTH ENDS

PART NUMBER	Tube O.D.	A	HEX
62NAB-4	1/4"	1.45	7/16"
62NAB-6	3/8"	1.80	9/16"
62NAB-8	1/2"	2.03	11/16"
62NAB-10	5/8"	2.29	13/16"
62NAB-12	3/4"	2.62	1"



REF SAE 100101BA

## 60NAB SLEEVE

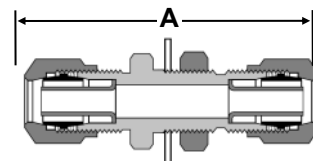
PART NUMBER	Tube O.D.	A
60NAB-4	1/4"	.31
60NAB-6	3/8"	.39
60NAB-8	1/2"	.43
60NAB-10	5/8"	.44
60NAB-12	3/4"	.54



REF SAE 100115

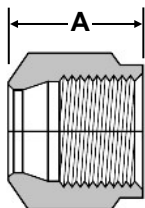
## 62NABH BULKHEAD UNION, BOTH ENDS

PART NUMBER	Tube O.D.	A	Hex
62NABH-6	3/8"	2.90	9/16"
62NABH-8	1/2"	3.20	11/16"



## 61NAB NUT

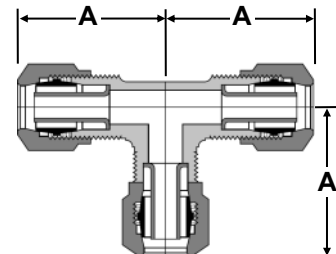
PART NUMBER	Tube O.D.	A	HEX
61NAB-4	1/4"	.45	9/16"
61NAB-6	3/8"	.56	5/8"
61NAB-8	1/2"	.66	13/16"
61NAB-10	5/8"	.74	15/16"
61NAB-12	3/4"	.81	1-1/8"



REF SAE 100110

## 64NAB UNION TEE

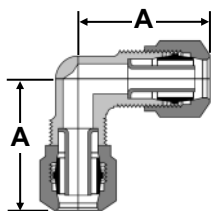
PART NUMBER	Tube O.D.	A
64NAB-4	1/4"	.95
64NAB-6	3/8"	1.24
64NAB-8	1/2"	1.45
64NAB-10	5/8"	1.58



REF SAE 100401BA

## 65NAB 90° UNION ELBOW

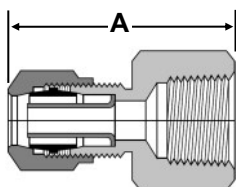
PART NUMBER	Tube O.D.	A
65NAB-4	1/4"	1.00
65NAB-6	3/8"	1.14
65NAB-8	1/2"	1.32
65NAB-10	5/8"	1.60



REF SAE 100201BA

## 66NAB FEMALE CONNECTOR

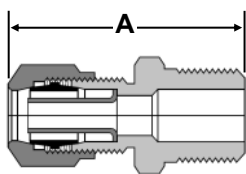
PART NUMBER	Tube O.D.	FPT	A	HEX
66NAB-4A	1/4"	1/8"	1.18	9/16"
66NAB-4B	1/4"	1/4"	1.40	11/16"
66NAB-6A	3/8"	1/8"	1.50	9/16"
66NAB-6B	3/8"	1/4"	1.60	11/16"
66NAB-6C	3/8"	3/8"	1.71	7/8"
66NAB-8C	1/2"	3/8"	1.80	7/8"
66NAB-8D	1/2"	1/2"	1.89	1-1/16"



REF SAE 100103BA

## 68NAB MALE CONNECTOR

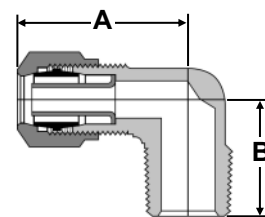
PART NUMBER	Tube O.D.	MPT	A	HEX
68NAB-4A	1/4"	1/8"	1.21	7/16"
68NAB-4B	1/4"	1/4"	1.42	9/16"
68NAB-4C	1/4"	3/8"	1.46	11/16"
68NAB-6A	3/8"	1/8"	1.37	9/16"
68NAB-6B	3/8"	1/4"	1.58	9/16"
68NAB-6C	3/8"	3/8"	1.58	11/16"
68NAB-6D	3/8"	1/2"	1.80	7/8"
68NAB-8B	1/2"	1/4"	1.71	11/16"
68NAB-8C	1/2"	3/8"	1.71	11/16"
68NAB-8D	1/2"	1/2"	1.90	7/8"
68NAB-10C	5/8"	3/8"	1.84	13/16"
68NAB-10D	5/8"	1/2"	2.03	7/8"
68NAB-12D	3/4"	1/2"	2.21	1"
68NAB-12E	3/4"	3/4"	2.22	1-1/16"



REF SAE 100102BA

## 69NAB 90° MALE ELBOW

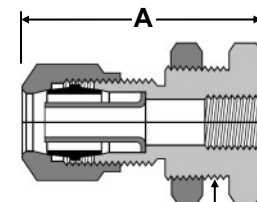
PART NUMBER	Tube O.D.	MPT	A	B
69NAB-4A	1/4"	1/8"	.95	.66
69NAB-4B	1/4"	1/4"	1.00	.87
69NAB-4C	1/4"	3/8"	1.16	.86
69NAB-6A	3/8"	1/8"	1.19	.75
69NAB-6B	3/8"	1/4"	1.25	.92
69NAB-6C	3/8"	3/8"	1.30	.91
69NAB-6D	3/8"	1/2"	1.40	1.10
69NAB-8B	1/2"	1/4"	1.38	.99
69NAB-8C	1/2"	3/8"	1.44	.99
69NAB-8D	1/2"	1/2"	1.55	1.18
69NAB-10C	5/8"	3/8"	1.49	1.05
69NAB-10D	5/8"	1/2"	1.58	1.24
69NAB-10E	5/8"	3/4"	1.76	1.32
69NAB-12D	3/4"	1/2"	1.70	1.33
69NAB-12E	3/4"	3/4"	1.77	1.32



REF SAE 100202BA

## 68NABH BULKHEAD CONNECTOR

PART NUMBER	Tube O.D.	FPT	A	HEX
68NABH-6C	3/8"	3/8"	1.31	1-1/16"
68NABH-8C	1/2"	3/8"	1.93	1-1/16"



7/8"-20 UNEF-2A



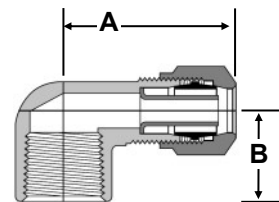




## 70NAB 90° FEMALE ELBOW

PART NUMBER	Tube O.D.	FPT	A	B
70NAB-4A	1/4"	1/8"	1.02	.52
70NAB-4B	1/4"	1/4"	1.11	.71
70NAB-6A	3/8"	1/8"	1.29	.59
70NAB-6B	3/8"	1/4"	1.35	.77
70NAB-6C	3/8"	3/8"	1.39	.77
70NAB-8C	1/2"	3/8"	1.55	.82
70NAB-8D	1/2"	1/2"	1.65	1.01
70NAB-10D	5/8"	1/2"	1.70	1.07

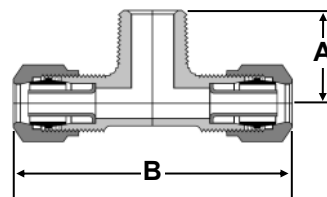
REF SAE 100203BA



## 72NAB MALE BRANCH TEE

PART NUMBER	Tube O.D.	MPT	A	B
72NAB-4A	1/4"	1/8"	.66	1.80
72NAB-4B	1/4"	1/4"	.87	2.00
72NAB-6A	3/8"	1/8"	.75	2.36
72NAB-6B	3/8"	1/4"	.92	2.50
72NAB-6C	3/8"	3/8"	.91	2.60
72NAB-8B	1/2"	1/4"	.99	2.82
72NAB-8C	1/2"	3/8"	.99	2.90
72NAB-8D	1/2"	1/2"	1.18	3.10
72NAB-10D	5/8"	1/2"	1.24	3.20

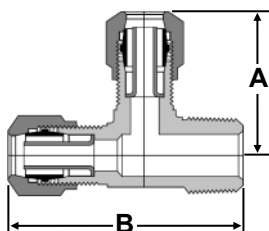
REF SAE 100425BA



## 71NAB MALE RUN TEE

PART NUMBER	Tube O.D.	MPT	A	B
71NAB-4A	1/4"	1/8"	.95	1.61
71NAB-4B	1/4"	1/4"	1.00	1.87
71NAB-6B	3/8"	1/4"	1.25	2.17
71NAB-6C	3/8"	3/8"	1.30	2.21
71NAB-8C	1/2"	3/8"	1.45	2.44
71NAB-8D	1/2"	1/2"	1.55	2.73
71NAB-10D	5/8"	1/2"	1.60	2.84

REF SAE 100424BA



## 79NAB 45° MALE ELBOW

PART NUMBER	Tube O.D.	MPT	A	B
79NAB-4A	1/4"	1/8"	.81	.63
79NAB-4B	1/4"	1/4"	.93	.85
79NAB-6A	3/8"	1/8"	1.17	.68
79NAB-6B	3/8"	1/4"	1.17	.85
79NAB-6C	3/8"	3/8"	1.21	.94
79NAB-6D	3/8"	1/2"	1.24	1.16
79NAB-8B	1/2"	1/4"	1.36	.94
79NAB-8C	1/2"	3/8"	1.36	.94
79NAB-8D	1/2"	1/2"	1.39	1.16
79NAB-10C	5/8"	3/8"	1.43	.98
79NAB-10D	5/8"	1/2"	1.42	1.16
79NAB-12D	3/4"	1/2"	1.61	1.18

REF SAE 100302BA

