

D.O.T. AIR BRAKE - NYLON TUBING

BRASS FITTINGS

D.O.T. AIR BRAKE - NYLON TUBING

Tube O.D	1/4	3/8	1/2	5/8	3/4
Thread Size-B	7/16-24	17/32-24	11/16-20	13/16-18	1-18

-Typical Application

Air brake systems except where temperatures exceed +200°F or where battery acid can drip on tubing.

-Pressure

Maximum operating pressure of 150 PSI.

-Vibration

Fair resistance.

-Temperature Range

-40°F to +200°F (-40°C to +93°C).

-Material

Brass

-Used With

NT Nylon Tubing - SAE J844 Type A and B.

- Tolerance

+/- .02 on all dimensions. Dimension data can change without notice. Please call us when dimensions are critical

-Advantages

Easy to assemble (no tube preparation or flaring required.) Built in tube support. Fittings utilize a ribbed sleeve for compression and positive grip. May be used with copper tubing by replacing nut, sleeve and insert with long nut and spherical sleeve. Insert should be removed for copper tubing use.

-Conformance

Meets specifications and standards of SAE and DOT FMVSS 571,106.

-Assembly Instructions

- 1- Cut tubing to desired length.
- 2-Slide nut and then sleeve on tubing. Threaded end of nut "A" must face toward fitting body.
- 3-Insert tubing into the preassembled fitting. Be sure tubing is bottomed in fitting.
- 4- Tighten nut to required torque as indicated on chart.

Disassembling: Remove nut and pull tubing out of fitting body. Insert will remain in tubing.

Reassembly: Push tubing and insert into fitting body until it bottoms. Thread nut onto fitting body

Tube Size	Additional Number of Turns from Hand-Tight
1/4	3
3/8, 1/2	4
5/8, 3/4	3-1/2

WARNING: This product can expose you to chemicals, including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov



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SLEEVE



SAE# 100115
60NA
NT60

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
38000		60NAB-3		3/16"	NT60-3	----
38001	00460-04	60NAB-4		1/4"	NT60-4	----
38002	00460-06	60NAB-6		3/8"	NT60-6	----
38003	00460-08	60NAB-8		1/2"	NT60-8	----
38004	00460-10	60NAB-10		5/8"	NT60-10	----
38005	00460-12	60NAB-12		3/4"	NT60-12	----

60NAB 60NTA 1460

NUT



SAE# 100110
62NA
NT61

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
38009	00461-03	61NAB-3		3/16"	NT61-3	----
38010	00461-04	61NAB-4		1/4"	NT61-4	----
38011	00461-06	61NAB-6		3/8"	NT61-6	----
38012	00461-08	61NAB-8		1/2"	NT61-8	----
38013	00461-10	61NAB-10		5/8"	NT61-10	----
38014	00461-12	61NAB-12		3/4"	NT61-12	----

61NAB 61NTA 1461

UNION



SAE# 100101BA
62NA
NT62

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
38018	00462-03			3/16"	NT62-3	----
38019	00462-04	62NAB-4		1/4"	NT62-4	----
38020	00462-06	62NAB-6		3/8"	NT62-6	----
38021	00462-08	62NAB-8		1/2"	NT62-8	----
38022	00462-10	62NAB-10		5/8"	NT62-10	----
38023	00462-12	62NAB-12		3/4"	NT62-12	----

62NAB 62NTA 1462

BULKHEAD UNION



62NABH
NT62BH

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
		62NABH-3		3/16"	NT62BH-3	----
38028	00483-04	62NABH-4		1/4"	NT62BH-4	----
38029	00483-06	62NABH-6		3/8"	NT62BH-6	----
38030	00483-08	62NABH-8		1/2"	NT62BH-8	----
	00483-10	62NABH-10		5/8"	NT62BH-10	----

62NBH 1474 47

STAINLESS STEEL INSERT



• 300 SERIES
STAINLESS
• For SAE# J844
TUBING
AQ71DOTS
DQ71S

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
					NT63SS1-3	
38035	00463-04	63NAB-4		1/4"	NT63SS1-4	
38036	00463-06	63NAB-6		3/8"	NT63SS1-6	
38037	00463-08	59A-8		1/2"	NT63SS1-8	
38038	00463-10	59A-10		5/8"	NT63SS1-10	
38039	00463-12	59A-12		3/4"	NT63SS1-12	

* STEEL INSERTS AVAILABLE FROM MAF

59A 63NTA

BRASS INSERT



AQ71DOTS
DQ71S

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
38040	00473-04	1484X4		1/4"	NT63B-4	----
38041	00473-06	1484X6		3/8"	NT63B-6	----
38042	00473-08	1484X8		1/2"	NT63B-8	----
38043	00473-10	1484X10		5/8"	NT63B-10	----
38048	00473-12	1484X12		3/4"	NT63B-12	----

D.O.T. AIR BRAKE - NYLON TUBING**BRASS FITTINGS****TEE**

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
38044	00464-04	64NAB-4		1/4"	NT464-4	
38045	00464-06	64NAB-6		3/8"	NT264X6	----
38046	00464-08	64NAB-8		1/2"	NT64-8	----
38047	00464-10	64NAB-10		5/8"	NT64-10	----
				3/4"	NT64-12	----

SAE# 100401BA

64NA

NT64

64NAB 264NTA 1464

REDUCING BRANCH TEE

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. (1&2) X 3	MAF #	MAF PRICE
				(3/8" x 1/4") x 3/8"	NT64R-466	----
38049		64NAB-664		3/8" x 1/4"	NT64FR-664	----
				(1/2" X 3/8") X 1/2	NT64R-868	----
38057		64NAB-886		1/2" x 3/8"		
				3/8" X 1/2"	NT64R-668	----

ELBOW

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D.	MAF #	MAF PRICE
38052	00465-04	65NAB-4		1/4"	NT65-4	----
38053	00465-06	65NAB-6		3/8"	NT265X6	----
38054	00465-08	65NAB-8		1/2"	NT65-8	----
38055	00465-10	65NAB-10		5/8"	NT65-10	----

SAE# 100201BA

65NA

NT65

65NAB 265NTA 1465

FEMALE ADAPTER

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X FEMALE NPT	MAF #	MAF PRICE
38060	00466-0402	66NAB-4A		1/4" x 1/8"	NT66-42	----
38061	00466-0404	66NAB-4B		1/4" x 1/4"	NT66-44	----
38062	00466-0602	66NAB-6A		3/8" x 1/8"	NT66-62	----
38063	00466-0604	66NAB-6B		3/8" x 1/4"	NT66-64	----
38064	00466-0606	66NAB-6C		3/8" x 3/8"	NT66-66	----
38065	00466-0806	66NAB-8C		1/2" x 3/8"	NT66-86	----
38066	00466-0808	66NAB-8D		1/2" x 1/2"	NT66-88	----
38067	00466-1006	66NAB-10C		5/8" x 3/8"	NT66-106	----
38068	00466-1008	66NAB-10D		5/8" x 1/2"	NT66-108	----
38059	00466-1208			3/4" x 1/2"	NT66-128	----
				1/2" X 3/4"	NT66-812	----

SAE# 100103BA

66NA

NT66

66NAB 66NTA 1466 66NBH

Dimension data can change without notice. Please see our website when dimensions are critical.

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BRASS FITTINGS

MALE ADAPTER



SAE# 100102BA
68NA
NT68VS

• More sizes
available online

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF	MAF #	MAF PRICE
38069		68NAB-3X		3/16" X 1/16"	NT68-31VS	----
38070		68NAB-3A		3/16" X 1/8"	NT68-32VS	----
		68NAB-3B		5/16 X 1/4		
38072		68NAB-4X		1/4" x 1/16"	NT68-41VS	----
38073	00468-0402	68NAB-4A		1/4" x 1/8"	NT68-42VS	----
38074	00468-0404	68NAB-4B		1/4" x 1/4"	NT68-44VS	----
38075	00468-0406	68NAB-4C		1/4" x 3/8"	NT68-46VS	----
38076	00468-0602	68NAB-6A		3/8" x 1/8"	NT68-62VS	----
38077	00468-0604	68NAB-6B		3/8" x 1/4"	NT68-64VS	----
38078	00468-0606	68NAB-6C		3/8" x 3/8"	NT68-66VS	----
38079	00468-0608	68NAB-6D		3/8" x 1/2"	NT68-68VS	----
38080	00468-0804	68NAB-8B		1/2" x 1/4"	NT68-84VS	----
38081	00468-0806	68NAB-8C		1/2" x 3/8"	NT68-86VS	----
38082	00468-0808	68NAB-8D		1/2" x 1/2"	NT68-88VS	----
38087	00468-0812	68NAB-8E		1/2" x 3/4"	NT68-812VS	----
38083	00468-1006	68NAB-10C		5/8" x 3/8"	NT68-106VS	----
38084	00468-1008	68NAB-10D		5/8" x 1/2"	NT68-108VS	----
38088	00468-1012	68NAB-10E		5/8" x 3/4"	NT68-1012VS	----
		68NAB-12C		5/8" x 3/8"	NT68-126VS	----
38085	00468-1208	68NAB-12D		3/4" x 1/2"	NT68-1218VS	
38086	00468-1212	68NAB-12E		3/4" x 3/4"	NT68-1212VS	----

68NAB 68NTA 1468

SWIVEL MALE ADAPTER



MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF	MAF #	MAF PRICE
38078S				3/8" x 3/8"	NT68SWW-66VS	
38081S				1/2" x 3/8"	NT68SWW-86VS	

MALE ELBOW



SAE# 100202BA
69NA
NT69VS

• More sizes
available online

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF	MAF #	MAF PRICE
		69NAB-3A		3/16" X 1/8"	NT69-32VS	----
		69NAB-3B		3/16" X 1/4"	NT69-34VS	----
38091	00469-0402	69NAB-4A		1/4" x 1/8"	NT69-42VS	----
38092	00469-0404	69NAB-4B		1/4" x 1/4"	NT69-44VS	----
38093	00469-0406	69NAB-4C		1/4" x 3/8"	NT69-46VS	----
38094	00469-0602	69NAB-6A		3/8" x 1/8"	NT69-62VS	----
38095	00469-0604	69NAB-6B		3/8" x 1/4"	NT69-64VS	----
38090				3/8" x 1/4" LONG	NT69L-64VS	----
38101	00469-0606	69NAB-6C		3/8" x 3/8"	NT69-66VS	----
38102	00469-0608	69NAB-6D		3/8" x 1/2"	NT69-68VS	----
38103	00469-0804	69NAB-8B		1/2" x 1/4"	NT69-84VS	----
38104	00469-0806	69NAB-8C		1/2" x 3/8"	NT69-86VS	----
38109				1/2" x 3/8" LONG	NT69L-86VS	----
38105	00469-0808	69NAB-8D		1/2" x 1/2"	NT69-88VS	----
38106	00469-1006	69NAB-10C		5/8" x 3/8"	NT69-106VS	----
38107	00469-1008	69NAB-10D		5/8" x 1/2"	NT69-108VS	----
38110	00469-1012	69NAB-10E		5/8" x 3/4"	NT69-1012VS	----
				3/4" X 3/8"	NT69-126VS	----
38108	00469-1208	69NAB-12D		3/4" x 1/2"	NT69-128VS	----
38111	00469-1212	69NAB-12E		3/4" x 3/4"	NT69-1212VS	----

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SWIVEL MALE ELBOW

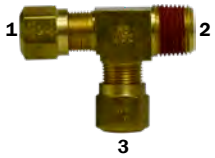
MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF	MAF #	MAF PRICE
38101S				3/8" x 3/8"	NT69SWV-66VS	----
38104S				1/2" x 3/8"	NT69SWV-86VS	----

FEMALE ELBOW

SAE# 100203BA

70NA
NT70

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X FEMALE NPTF	MAF #	MAF PRICE
		70NAB-3A		3/16" X 1/8"	nt270x3	----
38113	00470-0402	70NAB-4A		1/4" x 1/8"	NT70-42	----
38114	00470-0404	70NAB-4B		1/4" x 1/4"	NT70-44	----
38115	00470-0602	70NAB-6A		3/8" x 1/8"	NT70F-62	----
38116	00470-0604	70NAB-6B		3/8" x 1/4"	NT70F-64	----
38117	00470-0606	70NAB-6C		3/8" x 3/8"	NT70F-66	----
38118	00470-0806	70NAB-8C		1/2" x 3/8"	NT70F-86	----
38119	00470-0808	70NAB-8D		1/2" x 1/2"	NT70F-88	----
38120	00470-1008	70NAB-10D		5/8" x 1/2"	NT70F-108	----

MALE RUN TEE

SAE# 100424BA

71NA
NT71VS

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF X TUBE O.D. 1X2X3	MAF #	MAF PRICE
38125	00471-0402	71NAB-4A		1/4" x 1/8" x 1/4"	NT71-42VS	----
38126	00471-0404	71NAB-4B		1/4" x 1/4" x 1/4"	NT71-44VS	----
38124		71NAB-64B		3/8" x 1/4" x 1/4"	NT71-644VS	----
38127	00471-0604	71NAB-6B		3/8" x 1/4" x 3/8"	NT71-646VS	----
38128	00471-0606	71NAB-6C		3/8" x 3/8" x 3/8"	NT271X6X6VS	----
38129	00471-0806	71NAB-8C		1/2" x 3/8" x 1/2"	NT71-86VS	----
		71NAB-8D		1/2" x 1/2" x 1/2"	NT71-88VS	----
		71NAB-10D		5/8" x 1/2" x 5/8"	NT71-108VS	----

71NAB 271NTA 1471

MALE BRANCH TEE

SAE# 100425BA

72NA
NT72VS

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X TUBE O.D. X MALE NPTF 1X2X3	MAF #	MAF PRICE
		72nab-3a		3/16" x 3/16" x 1/8"		
38136	00472-0402	72NAB-4A		1/4" x 1/4" x 1/8"	NT72-42VS	----
38137	00472-0404	72NAB-4B		1/4" x 1/4" x 1/4"	NT72-44VS	----
38138	00472-0602	72NAB-6A		3/8" x 3/8" x 1/8"	NT72-62VS	----
38132		72NAB-64B		3/8" x 1/4" x 1/4"	NT72-644VS	----
38139	00472-0604	72NAB-6B		3/8" x 3/8" x 1/4"	NT272X6VS	----
38140	00472-0606	72NAB-6C		3/8" x 3/8" x 3/8"	NT272X6X6VS	----
38134	00472-080606	72NAB-86C		1/2" x 3/8" x 3/8"	NT72-866VS	----
38133		72NAB-8B		1/2" x 1/2" x 1/4"	NT7272X8X4VS	----
38141	00472-0806	72NAB-8C		1/2" x 1/2" x 3/8"	NT72-86VS	----
38142	00472-0808	72NAB-8D		1/2" x 1/2" x 1/2"	NT72-88VS	----
38143	00472-1008	72NAB-10D		5/8" x 5/8" x 1/2"	NT72-108VS	----

72NAB 272NTA 1472

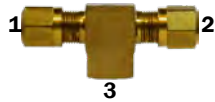
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FEMALE BRANCH TEE



MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X TUBE O.D. X FEMALE NPTF 1X2X3	MAF #	MAF PRICE
38144				3/8" x 3/8" x 1/4"	NT-78-64	
				1/2" x 1/2" x 1/4"	NT-78-104	
38146				5/8" x 5/8" x 1/4"	NT-78-84	

45° ELBOW



SAE# 100302BA
6945NA
NT6945VS

MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF	MAF #	MAF PRICE
38148	00495-0402	79NAB-4A		1/4" x 1/8"	NT6945-42VS	----
38149	00495-0404	79NAB-4B		1/4" x 1/4"	NT6945-44VS	----
38150	00495-0602	79NAB-6A		3/8" x 1/8"	NT6945-62VS	----
38151	00495-0604	79NAB-6B		3/8" x 1/4"	NT6945-64VS	----
38152	00495-0606	79NAB-6C		3/8" x 3/8"	NT6945-66VS	----
38153	00495-0608	79NAB-6D		3/8" x 1/2"	NT6945-68VS	----
38157	00495-0804	79NAB-8B		1/2" x 1/4"	NT6945-84VS	----
38154	00495-0806	79NAB-8C		1/2" x 3/8"	NT6945-86VS	----
38155	00495-0808	79NAB-8D		1/2" x 1/2"	NT6945-88VS	----
		79NAB-10C		5/8" x 3/8"	NT6945-106VS	----
38156	00495-1008	79NAB-10D		5/8" x 1/2"	NT6945-108VS	----
38158	00495-1208	79NAB-12D		3/4" x 1/2"	NT6945-128VS	----

6945NAB 279NTA 1480

SWIVEL 45° ELBOW



MIDLAND	AMC	CHAMPION	LIST	TUBE O.D. X MALE NPTF	MAF #	MAF PRICE
38152S				3/8" x 3/8"	NT6945SWV-66VS	----
38154S				1/2" x 3/8"	NT6945SWV-86VS	----

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BRASS