

### **CONSTRUCTION**

- Two piece – body and nut with captive sleeve
- Straights and shapes are manufactured from CA360, CA345 or CA377 brass

### **ADVANTAGES**

- Bodies are interchangeable with standard compression fittings
- No flaring, soldering or other special tubing preparation
- Low cost
- Wide range of styles and sizes
- Assembly is easier and quicker than standard compression

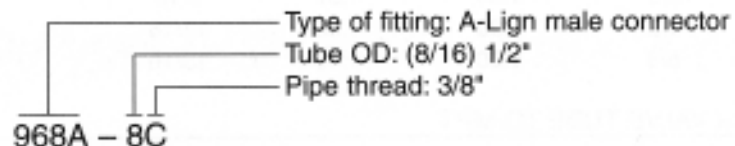
### **APPLICATIONS**

- Compatible with copper, brass, aluminum and thermoplastic tubing.  
(Thermoplastic tubing requires the use of a brass insert.)
- Pressures exceed those of standard compression fittings
- Fair vibration resistance

### **ORDERING INFORMATION**

- Fittings are supplied as assemblies consisting of the body and the nut with captive sleeve
- Nomenclature example:

**NOTE: Shapes with an asterisk (\*) following the part number will be supplied as forged pattern.**



### **NOTES**

- Current price list represents in stock cataloged items.
- Non-stock items and special parts are available on a quotation basis.
- Configurations and dimensions are subject to change without notice.

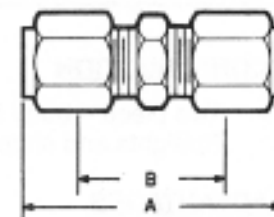
**961A NUT WITH CAPTIVE SLEEVE**

PART NUMBER	O.D. TUBE	A
961A-2	1/8	.38
961A-3	3/16	.41
961A-4	1/4	.44
961A-5	5/16	.44
961A-6	3/8	.47
961A-8	1/2	.56
961A-10	5/8	.56
961A-12	3/4	.68



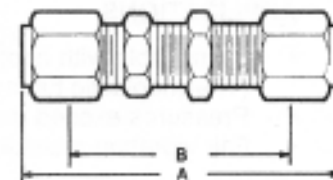
**962A UNION TUBE BOTH ENDS**

PART NUMBER	O.D. TUBE	A	B	HEX
962A-22	1/8	1.06	.66	5/16
962A-33	3/16	1.23	.75	3/8
962A-42	1/4X1/8	1.30	.80	7/16
962A-44	1/4	1.21	.81	1/2
962A-55	5/16	1.38	.88	1/2
962A-64	3/8X1/4	1.46	.91	9/16
962A-66	3/8	1.54	.97	9/16
962A-86	1/2X3/8	1.82	1.03	11/16
962A-88	1/2	1.90	1.09	11/16
962A-1010	5/8	1.90	1.09	13/16
962A-106	5/8X3/8	1.88	1.03	13/16
962A-108	5/8X1/2	1.90	1.09	13/16



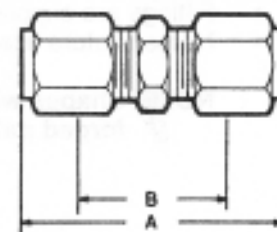
**962BH BULKHEAD UNION TUBE BOTH ENDS**

PART NUMBER	O.D. TUBE	A	B	HEX
962BH-4	1/4	2.23	1.75	9/16
962BH-6	3/8	2.40	1.80	5/8



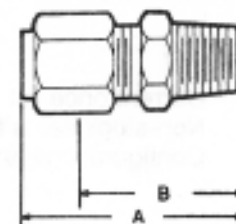
**962ATS UNION, TUBE BOTH ENDS, DRILLED THRU**

PART NUMBER	O.D. TUBE	A	B	HEX
962ATS-44	1/4	1.21	.81	7/16
962ATS-66	3/8	1.54	.97	9/16
962ATS-88	1/2	1.90	1.06	11/16
962ATS-1010	5/8	1.90	1.09	13/16



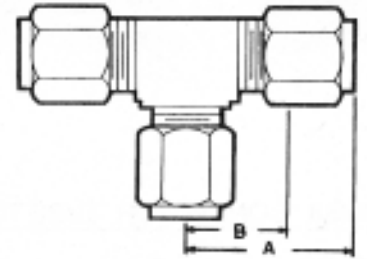
**963A CHECK VALVE TUBE TO MPT**

PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	HEX
963A-4A	1/4	1/8	1.10	.88	7/16
963A-6B	3/8	1/4	1.44	1.16	9/16



964A TEE TUBE ALL ENDS

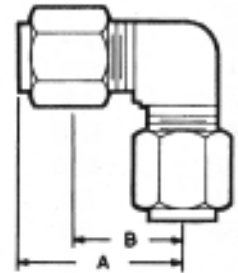
PART NUMBER	O.D. TUBE	A	B
964A-22*	1/8	.82	.62
964A-33*	3/16	.84	.60
964A-44	1/4	.86	.62
964A-55	5/16	1.00	.73
964A-66	3/8	.99	.73
964A-88	1/2	1.33	.93
964A-1010	5/8	1.48	1.06
964A-1212*	3/4	1.69	1.25



ITEMS FOLLOWED BY AN ASTERISK (\*) WILL BE SUPPLIED AS A FORGING

965A ELBOW, TUBE BOTH ENDS

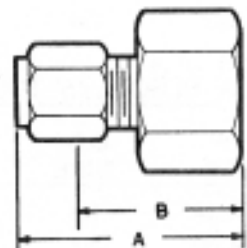
PART NUMBER	O.D. TUBE	A	B
965A-22*	1/8	.82	.62
965A-33*	3/16	.87	.63
965A-44	1/4	.76	.52
965A-55*	5/16	.91	.65
965A-66	3/8	1.03	.75
965A-88	1/2	1.28	.88
965A-1010	5/8	1.08	1.06



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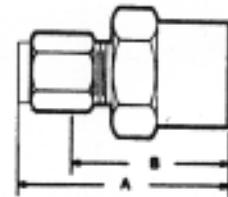
966A ADAPTER, TUBE TO FPT

PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	HEX
966A-2A	1/8	1/8	.95	.75	9/16
966A-3A	3/16	1/8	1.02	.78	9/16
966A-3B	3/16	1/4	1.20	.96	11/16
966A-4A	1/4	1/8	.94	.70	1/2
966A-4B	1/4	1/4	1.12	.88	5/8
966A-4C	1/4	3/8	1.24	1.00	3/4
966A-5A	5/16	1/8	1.07	.81	1/2
966A-5B	5/16	1/4	1.17	.91	5/8
966A-6A	3/8	1/8	1.09	.81	9/16
966A-6B	3/8	1/4	1.22	.94	5/8
966A-6C	3/8	3/8	1.28	1.00	13/16
966A-6D	3/8	1/2	1.34	1.03	7/8
966A-8C	1/2	3/8	1.48	1.06	13/16
966A-8D	1/2	1/2	1.48	1.05	7/8
966A-8E	1/2	3/4	1.50	1.25	1-1/8
966A-10C	5/8	3/8	1.54	1.06	13/16
966A-10D	5/8	1/2	1.54	1.06	7/8
966A-10E	5/8	3/4	1.64	1.16	1-1/8



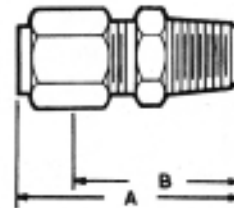
966AS FAUCET ADAPTER, TUBE TO SOLDER

PART NUMBER	O.D. TUBE	A	B	HEX
966AS-610	3/8X5/8	1.32	.94	3/4



968A CONNECTOR, TUBE TO MPT

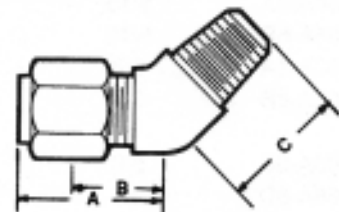
PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	HEX
968A-2A	1/8	1/8	.98	.78	7/16
968A-3A	3/16	1/8	1.08	.84	7/16
968A-3B	3/16	1/4	1.27	1.03	9/16
968A-4A	1/4	1/8	1.12	.88	7/16
968A-4B	1/4	1/4	1.21	.97	9/16
968A-4C	1/4	3/8	1.27	1.03	11/16
968A-4D	1/4	1/2	1.27	1.00	13/16
968A-5A	5/16	1/8	1.18	.91	1/2
968A-5B	5/16	1/4	1.23	.97	9/16
968A-6A	3/8	1/8	1.22	.94	9/16
968A-6B	3/8	1/4	1.31	1.07	9/16
968A-6C	3/8	3/8	1.39	1.09	11/16
968A-6D	3/8	1/2	1.32	1.06	13/16
968A-6E	3/8	3/4	1.59	1.31	1-1/16
968A-8B	1/2	1/4	1.49	1.09	11/16
968A-8C	1/2	3/8	1.54	1.16	11/16
968A-8D	1/2	1/2	1.49	1.09	13/16
968A-8E	1/2	3/4	1.78	1.38	1-1/16
968A-10C	5/8	3/8	1.54	1.12	13/16
968A-10D	5/8	1/2	1.54	1.12	13/16
968A-10E	5/8	3/4	1.80	1.38	1-1/16
968A-12E	3/4	3/4	1.95	1.50	1-1/16



96945A ELBOW, 45° TUBE TO MPT

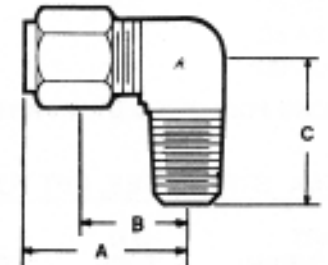
PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	C
96945A-4A*	1/4	1/8	.90	.66	.56
96945A-6B*	3/8	1/4	.90	.62	.84
96945A-8C*	1/2	3/8	1.14	.78	.88

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969A ELBOW, 90° TUBE TO MPT

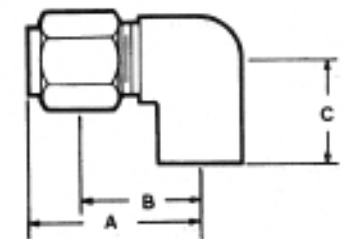
PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	C
969A-2A	1/8	1/8	.79	.59	.72
969A-3A	3/16	1/8	.86	.62	.72
969A-4A	1/4	1/8	.86	.62	.75
969A-4B	1/4	1/4	.85	.61	.81
969A-4C	1/4	3/8	.86	.62	.89
969A-5A	5/16	1/8	.85	.59	.68
969A-5B	5/16	1/4	.92	.66	.84
969A-6A	3/8	1/8	1.08	.80	.66
969A-6B	3/8	1/4	1.08	.80	.93
969A-6C	3/8	3/8	1.05	.77	.93
969A-6D	3/8	1/2	1.16	.88	1.12
969A-8B	1/2	1/4	1.25	.88	1.03
969A-8C	1/2	3/8	1.25	.88	1.03
969A-8D	1/2	1/2	1.32	.94	1.12
969A-10C	5/8	3/8	1.41	1.06	1.12
969A-10D	5/8	1/2	1.41	1.06	1.16
969A-12D*	3/4	1/2	1.64	1.16	1.18
969A-12E*	3/4	3/4	1.76	1.28	1.31



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970A ELBOW, 90° TUBE TO FPT

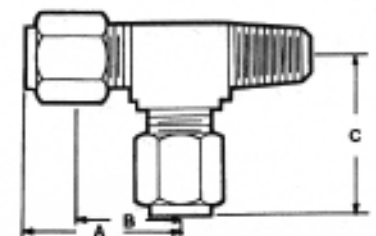
PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	C
970A-3A*	3/16	1/8	1.26	.98	.57
970A-4A	1/4	1/8	.92	.68	.47
970A-4B*	1/4	1/4	.99	.75	.59
970A-5A*	5/16	1/8	1.33	1.20	.82
970A-5B*	5/16	1/4	1.43	1.15	.50
970A-6B*	3/8	1/4	1.13	.78	.59
970A-6C	3/8	3/8	1.56	1.26	.61
970A-6D	3/8	1/2	1.32	.97	.66
970A-8C*	1/2	3/8	1.53	1.19	.66
970A-8D*	1/2	1/2	1.89	1.53	.70
970A-10D*	5/8	1/2	1.41	1.03	.76



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971A MALE RUN TEE, TUBE TO MPT TO TUBE

PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	C
971A-4A*	1/4	1/8	.89	.64	.61
971A-4B*	1/4	1/4	1.02	.68	.68
971A-5A*	5/16	1/8	1.00	.73	.72
971A-6B*	3/8	1/4	1.13	.78	.78
971A-6C*	3/8	3/8	1.16	.81	.88
971A-8C*	1/2	3/8	1.27	.91	.97
971A-8D*	1/2	1/2	1.32	.97	.97

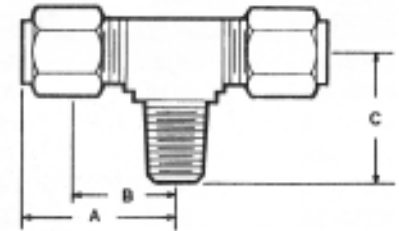


ITEMS FOLLOWED BY AN ASTERISK (\*) WILL BE SUPPLIED AS A FORGING

972A MALE BRANCH TEE, TUBE TO TUBE TO MPT

PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	C
972A-4A	1/4	1/8	.92	.63	.75
972A-5A*	5/16	1/8	.98	.75	.74
972A-6B	3/8	1/4	1.10	.78	.85
972A-6C*	3/8	3/8	1.10	.78	.96
972A-8C*	1/2	3/8	1.31	.94	1.13
972A-8D*	1/2	1/2	1.33	.92	1.20

ITEMS FOLLOWED BY AN ASTERISK (\*) WILL BE SUPPLIED AS A FORGING



976A STREET TEE, FPT TO MPT TO TUBE

PART NUMBER	O.D. TUBE	PIPE THREAD	A	B	C
976A-2A*	1/8	1/8	.85	.61	.48
976A-4A*	1/4	1/8	.85	.57	.45
976A-6B*	3/8	1/4	1.09	.82	.98

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