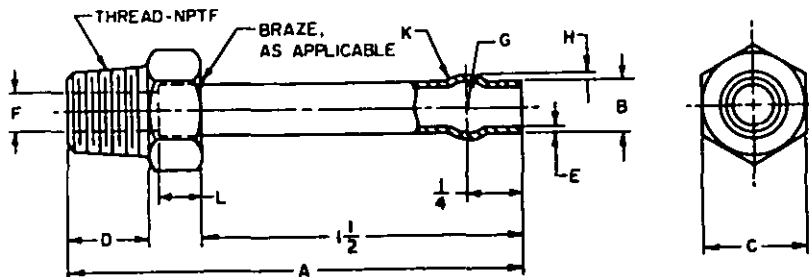


FED. SUP CLASS  
47 30

STEEL MS DASH NO	ALUMINUM MS DASH NO	HOSE I.D.	THD NPTF	A	B DIA. ±.005	C +0 -1/64	D +1/32 -0	E +.002 -.004	F DIA +1/64 -0	G RAD. +1/64 -0	H ±.003	K RAD. +1/64 -0	L ±1/64
1	2	1/4	1/8	2-1/8	.250	1/2	3/8	.035	3/16	1/8	.031	1/16	7/32
3	4	3/8	1/4	2-5/16	.375	5/8	9/16	.035	5/16	1/8	.035	1/16	7/32
5	6	1/2	3/8	2-5/16	.500	13/16	9/16	.035	7/16	1/8	.038	1/16	7/32
7	8	5/8	1/2	2-9/16	.625	15/16	3/4	.049	17/32	1/8	.038	1/16	9/32
9	10	3/4	3/4	2-5/8	.750	1-1/8	3/4	.049	21/32	1/8	.038	1/16	11/32
11	12	1	1	2-13/16	1.000	1-3/8	15/16	.049	7/8	5/32	.062	3/32	11/32
13	14	1-1/4	1	2-13/16	1.250	1-1/2	15/16	.049	1-3/32	5/32	.062	3/32	11/32
15	16	1-1/2	1-1/4	2-15/16	1.500	1-13/16	31/32	.049	1-1/4	5/32	.072	3/32	3/8

17	18	1/4	1/4	2-11/32	.250	5/8	9/16	.035	3/16	1/8	.031	1/16	7/32
19	20	1/4	3/8	2-3/8	.250	3/4	9/16	.035	3/16	1/8	.035	1/16	7/32
21	22	1/2	1/2	2-37/64	.500	13/16	3/4	.035	7/16	1/8	.038	1/16	7/32
23	24	5/8	3/8	2-3/8	.625	7/8	9/16	.049	13/32	1/8	.038	1/16	9/32
25	26	3/4	3/8	2-13/32	.750	1	9/16	.049	13/32	1/8	.038	1/16	11/32
27	28	1	3/8	2-5/8	1.000	1-1/4	9/16	.049	13/32	5/32	.062	3/32	11/32
29	30	1	3/4	2-5/8	1.000	1-1/4	3/4	.049	23/32	5/32	.062	3/32	11/32
31	32	1-1/4	1-1/4	2-37/64	1.250	1-3/4	31/32	.049	1-3/32	5/32	.062	3/32	3/8
33	34	1-1/2	1-1/2	2-15/16	1.500	2	1	.049	1-3/8	5/32	.072	3/32	3/8

(B)  
REQUIREMENTS:

- MATERIAL: BODY
  - STEEL, CORROSION RESISTING, CLASS 410, CONDITION A OR T, QQ-S-763, OR FREE MACHINING STAINLESS BAR TYPE 416 OR 416 Se, CONDITION A OR T, AMERICAN SOCIETY FOR TESTING AND MATERIALS A582.
  - ALUMINUM ALLOY 5052, H32, QQ-A-225/7, OPTIONAL: ALUMINUM ALLOY 6061, T6, QQ-A-225/8 OR QQ-A-200/8.
- MATERIAL: TUBE
  - STEEL, CORROSION RESISTANT, SEAMLESS OR WELDED, CONDITION A, MIL-T-8606.
  - ALUMINUM ALLOY 5052, H34, WW-T-700/4, OPTIONAL: ALUMINUM ALLOY 6061, T6, WW-T-700/6.
- BRAZING:
  - BRAZE IN ACCORDANCE WITH MIL-B-7883.
  - FOR CORROSION RESISTING STEEL, USE SILVER ALLOY FILLER METAL, QQ-B-654.
  - FOR ALUMINUM ALLOY, USE ALUMINUM FILLER METAL, QQ-B-655, CLASS FS-BA151-3 OR FS-BA151-4.
  - ASSEMBLY MUST WITHSTAND 50 P.S.I. PRESSURE TEST WITHOUT LEAKAGE AFTER BRAZING.
- PROTECTIVE FINISH: ALUMINUM ONLY, ANODIZE, MIL-A-8625, TYPE I.
- UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ±1/32 ON FRACTIONS, ±2° ON ANGLES.
- THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES, HANDBOOK H2B.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL.
- MARKING SHALL CONSIST OF THE MS PART NUMBER AND THE MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
- RECYCLED MATERIALS, THE USE OF RECYCLED MATERIALS WHICH MEET THE REQUIREMENTS OF THE APPLICABLE MATERIAL SPECIFICATIONS WITHOUT JEOPARDIZING THE INTENDED USE OF THE ITEM SHALL BE ENCOURAGED.

NOTES:

- DIMENSIONS ARE IN INCHES.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
- THE MS PART NUMBER SHALL CONSIST OF THE MS NUMBER, PLUS THE DASH NUMBER. EXAMPLE: MS24522-1.

(B) DENOTES CHANGES

P.A. ARMY-AT	TITLE	MILITARY STANDARD
Other Cust NAVY-AS AF-99	ADAPTER, PIPE TO HOSE. STRAIGHT LOW PRESSURE	MS24522
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1