

REVIEWER: CS, CL, MU  
USER: AT, ER, MC, ME, OS

DASH NUMBER		TUBE O.D.	A PIPE THREAD NPTF	B STRAIGHT THREAD	D DIA DRILL	D <sub>1</sub> DIA DRILL	D <sub>5</sub> DIA DRILL	L <sub>3</sub> +0.03 -0.00	L <sub>4</sub>	X
2	1/8	1/8	5/16-28UN -2B	0.078	0.116	0.250	0.78	0.47	0.44	
3	3/16	1/8	3/8 -24UNF-2B	0.125	0.125	0.250	0.84	0.47	0.47	
4	1/4	1/8	7/16-24UNS-2B	0.188	0.177	0.250	0.91	0.53	0.53	
5	5/16	1/8	1/2 -20UNF-2B	0.219	0.219	0.250	0.97	0.67	0.59	
6	3/8	1/4	5/8 -18UNF-2B	0.281	0.281	---	1.31	0.81	0.75	
7	7/16	1/4	1 1/16-18UNS-2B	0.344	0.328	---	1.41	0.88	0.84	
8	1/2	3/8	3/4 -18UNS-2B	0.406	0.375	0.469	1.47	0.94	0.91	
10	5/8	1/2	7/8 -18UNS-2B	0.531	0.500	0.594	1.81	1.11	1.06	
12	3/4	3/4	1-1/16-16UN-2B	0.625	0.625	0.750	2.00	1.28	1.25	

**NOTES:**

- MATERIAL:** Body - brass in accordance with QQ-B-626, CA360 half-hard for bar and extruded stock and CA377 for forgings.  
Nut - See MS51874.
- PROTECTIVE COATING:** Body - uncoated.  
Nut - See MS51874.
- THREADS:** Threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook H28.
- DIMENSIONS AND TOLERANCES:** Dimensions and tolerances not shown shall be in accordance with the SAE Standard for Inverted Flared Fittings (SAE J512).
- The illustration is for identification purpose only and is not intended to restrict designs and shapes not dimensioned.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.  
Example: MS51879-2.  
The MS part number covers the assembly only consisting of the body and referenced nut (MS51874) as illustrated on this standard.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitations for bid.

**Ⓐ CANCELLED-For Procurement Use SAE J512**

P.A. AR Other Cust 82	TITLE ELBOW, PIPE TO TUBE, 90 DEGREE, MALE PIPE END, INVERTED FLARE TYPE	MILITARY STANDARD <b>MS51879</b>
PROCUREMENT SPECIFICATION None	SUPERSEDES: CNEX2, 2.1, 4 and 4.1 (in part)	SHEET 1 OF 1

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