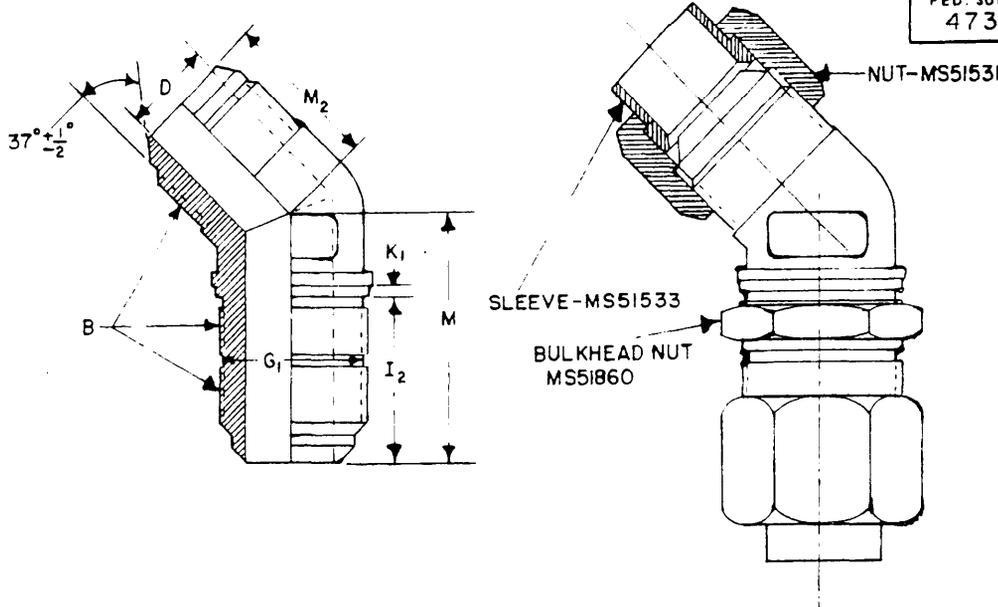


FED. SUP CLASS
4730



REVISIONS:
1. SER: AT-NC-YD

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

DASH NUMBER	TUBE OD	B STRAIGHT THREAD	D DIAMETER		G ₁	I ₂	K ₁	M	M ₂	
			BASIC	TOLERANCE						
B2	A2	1/8	5/16-24 UNF-2A	.062		.250	.920	.094	1.375	.660
B3	A3	3/16	3/8-24 UNF-2A	.125	±.003	.313	.920	.094	1.375	.660
B4	A4	1/4	7/16-20 UNF-2A	.172		.364	1.020	.094	1.531	.720
B5	A5	5/16	1/2-20 UNF-2A	.234		.427	1.020	.094	1.531	.770
B6	A6	3/8	9/16-18 UNF-2A	.297	±.004	.482	1.090	.094	1.672	.830
B8	A8	1/2	3/4-16 UNF-2A	.391		.660	1.250	.125	1.938	.980
B10	A10	5/8	7/8-14 UNF-2A	.484		.773	1.390	.125	2.172	1.110
B12	A12	3/4	1-1/16-12 UN-2A	.609	±.005	.945	1.560	.125	2.438	1.280
B14	A14	7/8	1-3/16-12 UN-2A	.718		1.070	1.560	.125	2.500	1.390
B16	A16	1	1-5/16-12 UN-2A	.844	+.007-.005	1.195	1.560	.125	2.562	1.470
B20	A20	1-1/4	1-5/8-12 UN-2A	1.078		1.507	1.610	.125	2.656	1.590
B24	A24	1-1/2	1-7/8-12 UN-2A	1.312	+.008-.005	1.756	1.620	.125	2.672	1.780
B32	A32	2	2-1/2-12 UN-2A	1.781		2.381	1.910	.125	2.906	2.220

NOT RECOMMENDED FOR NEW DESIGN

NOTES:

- MATERIAL:** Steel, carbon in accordance with procurement specification.
Steel, corrosion-resisting in accordance with procurement specification.
- PROTECTIVE COATING:** Cadmium plated in accordance with procurement specification.
Zinc plated in accordance with procurement specification.
Phosphate coating in accordance with procurement specification.
Passivation treatment in accordance with procurement specification.
- THREADS:** Threads shall be in accordance with Screw-Thread Standard for Federal Services, Handbook H28.
- PART NUMBER:** The MS part number consists of the MS number plus the dash number.
 - For body only, cadmium plated, use the MS number plus the body dash number. Example: MS51509B2.
 - For complete assembly (with nuts and sleeves), cadmium plated, use the MS number, plus the assembly dash number. Example: MS51509A2.
 - For zinc coating add (Z) to the dash number. Example: MS51509B2Z or MS51509AZZ.
 - For phosphate coating add (P) to the dash number. Example: MS51509B2P or MS51509A2P.
 - For corrosion-resisting steel add (S) to the dash number. Example: MS51509B2S or MS51509A2S.
- For design feature purpose, this standard takes precedence over procurement documents referenced herein.
- Reference documents shall be of the issue in effect on date of invitations for bid.
- The illustration is for identification purpose only and is not intended to restrict designs or shapes not dimensioned.
- After 17 January 1979 bodies will be used for production only and SHALL NOT be stocked for maintenance. Existing stock of bodies should be used until depleted.

APPROVED 30 DEC 1971
REVISED 17 JANUARY 1979

P. A. AR	TITLE	MILITARY STANDARD
Other Cust: OS	ELBOW, TUBE, 45°, BULKHEAD, 37° FLARED	MS51509
PROCUREMENT SPECIFICATION MIL-F-18866	SUPERSEDES.	SHEET 1 OF 1