



DASH NUMBER		TUBE OD NOM	B STRAIGHT THREAD	C HEX FLAT NOM	D DIAMETER		I MAX	L ±.050
BODY	ASSY				BASIC	TOLERANCE		
B2	A2	1/8	5/16-24 UNF-2A	7/16	.062	±.003	.640	1.500
B3	A3	3/16	3/8-24 UNF-2A	7/16	.125		.700	1.625
B4	A4	1/4	7/16-20 UNF-2A	1/2	.172		.770	1.750
B5	A5	5/16	1/2-20 UNF-2A	9/16	.234	±.004	.830	1.875
B6	A6	3/8	9/16-16 UNF-2A	5/8	.297		.920	2.094
B8	A8	1/2	3/4-16 UNF-2A	13/16	.391		1.110	2.469
B10	A10	5/8	7/8-14 UNF-2A	15/16	.464	±.005	1.260	2.875
B12	A12	3/4	1-1/16-12 UN-2A	1-1/8	.609		1.450	3.261
B14	A14	7/8	1-3/16-12 UN-2A	1-1/4	.718		1.531	3.453
B16	A16	1	1-5/16-12 UN-2A	1-3/8	.844	+ .007-.005	1.610	3.594
B20	A20	1-1/4	1-5/8-12 UN-2A	1-11/16	1.076	+ .008-.005	1.844	4.094
B24	A24	1-1/2	1-7/8-12 UN-2A	2	1.312		2.109	4.625
B32	A32	2	2-1/2-12 UN-2A	2-5/8	1.761		+ .013-.005	2.844

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: MS51502B2.
 - For complete assembly (with nuts and sleeves), cadmium plated, use the MS number, plus the assembly dash number. Example MS51502A2.
 - For zinc coating add (Z) to the dash number. Example: MS51502B2Z or MS51502A2Z.
 - For phosphate coating add (P) to the dash number. Example: MS51502B2P or MS51502A2P.
 - For corrosion-resisting steel add (S) to the dash number. Example: MS51502B2S or MS51502A2S.
- 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.

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.

REVIEWER: CS-EL-ME
USER: AT-MC-YD

APPROVED 20 DEC 1971
REVISED 17 JANUARY 1979

P.A. AR Other Cont OS	TITLE NIPPLE, TUBE, REGULAR HEX, 37° FLARED (LONG)	MILITARY STANDARD
		MS51502
PROCUREMENT SPECIFICATION MIL-F-J4566	SUPERSEDES:	SHEET 1 OF 1