



DASH NUMBER	TUBE OD NOM	D DIA	I	L	X
		+ .003 - .000	+ .020 - .020	+ .020 - .020	+ .000 - .003
B2	1/8	.130	.120	.340	.267
B3	3/16	.193	.140	.340	.329
B4	1/4	.255	.140	.410	.383
B5	5/16	.318	.160	.440	.445
B6	3/8	.380	.170	.500	.502
B8	1/2	.505	.220	.560	.682
B10	5/8	.631	.240	.660	.797
B12	3/4	.756	.260	.680	.972
B14	7/8	.881	.260	.760	1.097
B16	1	1.006	.280	.780	1.222
B20	1-1/4	1.260	.310	.910	1.534
B24	1-1/2	1.510	.340	1.120	1.784
B32	2	2.014	.410	1.190	2.409

## 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.
- DIMENSIONS AND TOLERANCES:** Dimensions and tolerances not shown shall be in accordance with the SAE Standard for 37 Degree Flared Fittings (SAE J514).
- THREADS:** Threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook H28.
- PART NUMBER:** The MS part number consists of the MS number plus the dash number.  
A. For cadmium plating use the MS number, plus the dash number. Example: MS51533B2.  
B. For zinc plating add (Z) to the dash number. Example: MS51533B2Z.  
C. For phosphate coating add (P) to the dash number. Example: MS51533B2P.  
D. For corrosion-resisting steel, add (S) to the dash number. Example: MS51533B2S.
- For design feature purposes, 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 purposes only and is not intended to restrict designs or shapes not dimensioned.
- After 17 January 1979 sleeves will be used for production only and **SHALL NOT** be stocked for maintenance. Existing stock of sleeves 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

P.A. AR Other Cust OS	TITLE SLEEVE, COMPRESSION, TUBE FITTING, 37° FLARED	MILITARY STANDARD <b>MS51533</b>
PROCUREMENT SPECIFICATION MIL-F-18866	SUPERSEDES:	SHEET 1 OF 1