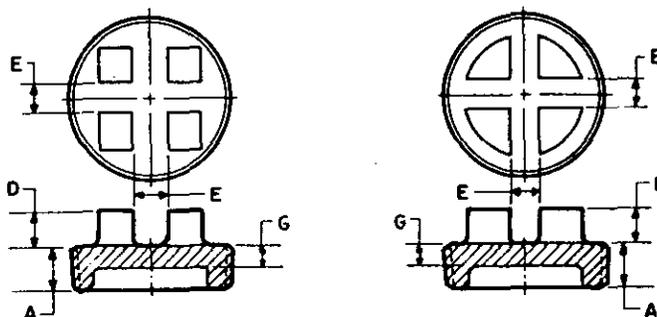


REVIEWER: AS, AT, CS, CL, ME, MU, OS
USER: AV, MC, MI



OPTIONAL DESIGN

DASH NUMBER		PIPE SIZE NPT (SEE NOTE 6) NOM	A	D	E	G
IRON OR STEEL	ALUMINUM		THREAD LENGTH MIN	HEIGHT OF LUG MIN	DISTANCE BETWEEN LUGS MIN	METAL THICKNESS (SEE NOTE 7)
1	2	4 - 8	1.22	1.00	0.88	0.37
3	4	5 - 8	1.31	1.00	0.88	0.46
5	6	6 - 8	1.40	1.25	1.25	0.52
7	8	8 - 8	1.57	1.38	1.50	0.66

NOTES:

- MATERIAL:** Iron or steel, or aluminum in accordance with procurement specification.
- PROTECTIVE COATING:** Iron or steel - uncoated, cadmium plated, or zinc coated in accordance with procurement specification.
Aluminum - anodized or uncoated in accordance with procurement specification.
- THREADS:** Threads shall be American National Standard taper pipe threads in accordance with Screw-Thread Standards for Federal Services, Handbook H28.
- DIMENSIONS AND TOLERANCES:** Dimensions and tolerances not shown shall be in accordance with American National Standard ANSI B16.14.
- The illustration is for identification purpose only and is not intended to restrict designs or shapes not dimensioned.
- For sizes 3-1/2 in. and smaller, see MS51884.
- Metal thickness at no point in the casting shall be less than 90 percent of the value given in the table.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.
A. For uncoated fitting use the MS number, plus the dash number. Example: MS51885-1 or MS51885-2.
B. For anodized fitting add (A) to the dash number. Example: MS51885-2A.
C. For cadmium plated fitting add (C) to the dash number. Example: MS51885-1C.
D. For zinc coated fitting add (Z) to the dash number. Example: MS51885-1Z.
- 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.

This military standard is mandatory 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.

(A)

CANCELLED

For procurement use **WW-P-471**

APPROVED 28 SEPT 73 REVISED (A) 2 DEC 81

P.A. WC Other Cust YD R2	TITLE PLUGS, PIPE, BAR OR SLOTTED, ALUMINUM, IRON OR STEEL	MILITARY STANDARD MS51885
PROCUREMENT SPECIFICATION WW-P-471	SUPERSEDES:	SHEET] OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE