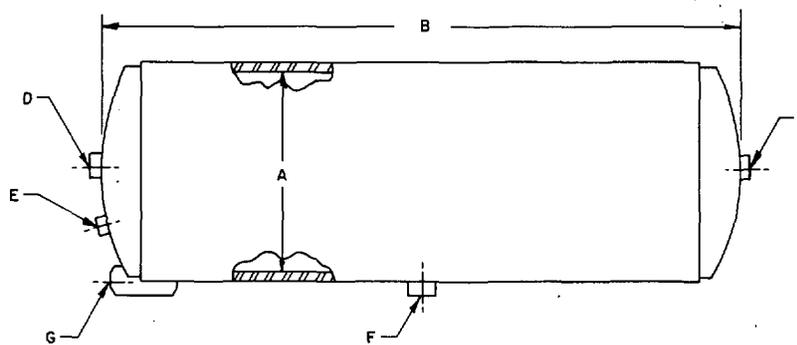


FED. SUP CLASS  
2530FOR DIMENSIONS AND OUTLETS  
SEE TABULATION

MS DASH NUMBER	REFERENCE ARMY DRAWING NO.	CU IN. CAP.	A-DIA	B	C NPTF	D NPTF	E NPTF	F NPTF	G NPTF
-1	8336707	1760	9-1/2	27	3/8-18	3/8-18	—	1/4-18	—
-2	7411078	650	6-7/8	19	—	3/8-18	—	—	1/4-18
-3	7974404	830	6-7/8	24	—	—	1/4-18	1/4-18	—
-4	8735806	940	6-7/8	27	—	—	1/4-18	1/4-18	—
-5	8017035	1040	8	22-1/2	3/8-18	3/8-18	—	1/4-18	—
-6	6169300	845	6-7/8	24	3/8-18	3/8-18	—	1/4-18	—
-7	9152454	1040	8	22-1/2	3/8-18	3/8-18	—	1/4-18	—
-8	7979298	1400	9-1/2	21-1/2	—	—	3/8-18	1/4-18	—
-9	8333049	1760	9-1/2	27	3/4-14	3/4-14	—	—	3/8-18
-10	8327379	940	7-1/16	27	3/8-18	3/8-18	—	1/4-18	—

## NOTES:

1. MOUNTING BRACKET(S) SHALL BE FURNISHED WHERE APPLICABLE AND AS SHOWN ON REFERENCED DRAWINGS.

(A)

## 2. MATERIAL:

SHELL: STEEL, CARBON, SHEET OR STRIP, H.R.P&O,CQ OR C.R.CQ OR C.R. TEMPER 2-5  
PER SPEC QQ-S-698 (.0897).HEAD: STEEL, CARBON, SHEET OR STRIP, H.R.P&O,DQ OR C.R.DQ OR C.R. TEMPER 4-5  
PER SPEC QQ-S-698 (.0897).FERRULES: (THREADED BOSS) STEEL, CARBON, 1010-1025 PER SPEC QQ-S-630, 631 OR 634; OR  
1116-1119, 1211-1213 PER SPEC QQ-S-637. SEE TABULATED ITEMS C-D-E-F.BLOCK-DRAIN: STEEL, CARBON, FORGING 1020-1030, CONDITION-OPTIONAL PER SPEC MIL-S-13048.  
SEE TABULATED ITEM G.

## 3. FINISH:

OUTSIDE: TREAT PER TT-C-490

PRIME PER TT-P-636 OR TT-P-664

ENAMEL PER TT-E-529 OR TT-E-485, TYPE IV

INSIDE: TREAT PER TT-C-490

PRIME PER TT-P-636 OR TT-P-664

4. TEST AT 250 PSI AIR PRESSURE, NO LEAKS PERMISSIBLE, IN ACCORDANCE WITH SAE J10.

5. WELD IN ACCORDANCE WITH MIL-STD-1261, CLASS 2.

6. THREADED HOLES SHALL BE FITTED WITH PROTECTIVE PLUGS OR CAPS.

7. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H28.

8. DIMENSIONS ARE IN INCHES AND ARE FOR ENGINEERING REFERENCE ONLY.

9. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.

10. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

11. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

12. THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS500093-1

13. MARKING SHALL CONSIST OF THE MS PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

14. DETAILS OF THESE ASSEMBLIES SHALL BE IN ACCORDANCE WITH REFERENCED ARMY DRAWINGS, COPIES OF WHICH MAY BE OBTAINED FROM U.S. ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICHIGAN 48090.

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.

P.A. ARMY - AT Other Cust AF-84	TITLE TANK, PRESSURE: AIR BRAKE, TACTICAL TRAILERS	MILITARY STANDARD MS500093
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 67 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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