

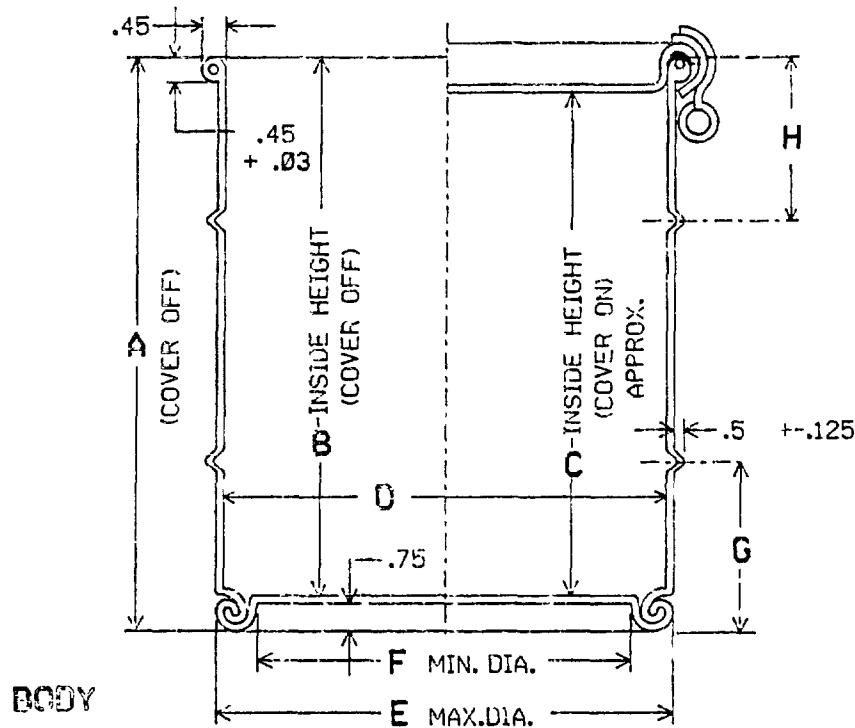
(Project No 8110 5273)

FED. SUP CLASS
8110

USER ACTIVITIES: AV, EAMC, CS

REVIEWER ACTIVITIES: ML, S, DS, CS

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.



DRUM ASSY	CAP	BODY	COVER	COVER	DRUM HEIGHT			DRUM DIAMETERS			CORRUGATIONS			
NUMERICAL	GAL		STYLE #1	STYLE #2	A	B	C	D	E	F	G	H		
MS27683-1	16	MS27683-30	MS27683-60	MS27683-98	21.24	20.44	19.88	15.38	15.13	14.58	5.0	5.0		
MS27683-1A	16	MS27683-30A	MS27683-60A	NA	19.73	18.93	18.37	16.00	15.75	15.05	5.0	5.0		
MS27683-2	19	MS27683-31	MS27683-60	MS27683-98	25.24	24.44	23.88	15.38	15.13	14.58	5.0	5.0		
MS27683-2A	19	MS27683-31A	MS27683-60A	NA	23.43	22.63	22.07	16.00	15.75	15.05	5.0	5.0		
MS27683-3	20	MS27683-32	MS27683-61	MS27683-99	19.48	18.68	18.11	18.25	18.00	17.45	5.0	5.0		
MS27683-4	22	MS27683-33	MS27683-62		14.26	13.46	12.89	22.50	22.25	21.70	N/A	N/A		
MS27683-5	27	MS27683-34	MS27683-62		17.48	16.68	16.11	22.50	22.25	21.70	3.5	3.5		
MS27683-6	29	MS27683-35	MS27683-66		10.84	10.04	9.46	30.00	29.75	29.20	3.5	3.5		
MS27683-7	30	MS27683-36	MS27683-61	MS27683-99	28.36	27.56	26.99	18.25	18.00	17.45	8.0	8.0		
MS27683-8	30	MS27683-37	MS27683-63		16.86	16.06	15.49	24.00	23.75	23.20	5.0	5.0		
MS27683-9	30	MS27683-38	MS27683-65		12.55	11.75	11.18	28.00	27.75	27.20	3.5	3.5		
MS27683-10	34	MS27683-39	MS27683-64		16.10	15.30	14.73	26.00	25.75	25.20	5.0	5.0		
MS27683-11	38	MS27683-40	MS27683-62		23.61	22.81	22.24	22.50	22.25	21.70	5.0	5.0		
MS27683-12	39	MS27683-41	MS27683-66		14.05	13.25	12.68	30.00	29.75	29.20	5.0	5.0		
MS27683-13	45	MS27683-42	MS27683-62		27.48	26.68	26.11	22.50	22.25	21.70	8.00	8.00		
MS27683-14	57	MS27683-43	MS27683-62		34.70	33.90	33.33	22.50	22.25	21.70	10.0	10.0		
MS27683-15	58	MS27683-44	MS27683-66		20.40	19.60	19.03	30.00	29.75	29.20	5.0	5.0		
MS27683-16	59	MS27683-45	MS27683-64		27.05	26.25	25.68	26.00	25.75	25.20	5.0	5.0		
MS27683-17	60	MS27683-46	MS27683-63		32.11	31.31	30.74	24.00	23.75	23.20	5.0	5.0		
MS27683-18	60	MS27683-47	MS27683-65		23.80	23.00	22.43	28.00	27.75	27.20	5.0	5.0		
MS27683-19	61	MS27683-48	MS27683-62		37.14	36.34	35.77	22.50	22.25	21.70	10.0	10.0		
MS27683-20	77	MS27683-49	MS27683-65		26.70	25.90	25.33	30.00	29.75	29.20	5.0	5.0		
MS27683-21	79	MS27683-50	MS27683-64		35.80	35.00	34.43	26.00	25.75	25.20	5.0	5.0		
MS27683-22	80	MS27683-51	MS27683-65		31.35	30.55	29.98	28.00	27.75	27.20	5.0	5.0		
MS27683-23	80	MS27683-52	MS27683-63		42.49	41.69	41.12	24.00	23.75	23.20	5.0	5.0		

MATERIAL: STEEL; SPECIFICATION ASTM A366 BODY AND BOTTOM 18 GAGE (MIN.)

FINISH AND MARKING: IN ACCORDANCE WITH WITH PROCUREMENT SPECIFICATION

DIMENSIONS IN INCHES; UNLESS OTHERWISE SPECIFIED, TOLERANCE ON HEIGHTS PLUS OR MINUS .12

OTHER DIMENSIONS PLUS OR MINUS .03, ANGLES PLUS OR MINUS 2 DEGREES, ROLL CORRUGATIONS PLUS OR MINUS 0.125 INCH

NOTE: WHEN HUMIDITY INDICATORS AND HANDLES ARE SPECIFIED, THE DRUM ASSEMBLY NUMBERS WILL REFLECT THIS ADDITION

BY A SUFFIX DASH AND LETTER AS FOLLOWS:

EXAMPLES: MS-27683-4-I = ASSY'S WITH INDICATOR

MS-27683-4-H = ASSY'S WITH HANDLES

MS-27683-4-IH = ASSY'S WITH INDICATOR & HANDLES

FOR INDICATOR AND HANDLE LOCATION SEE PROCUREMENT SPECIFICATION

•REDRAWN

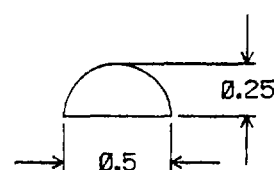
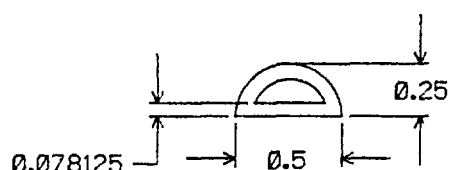
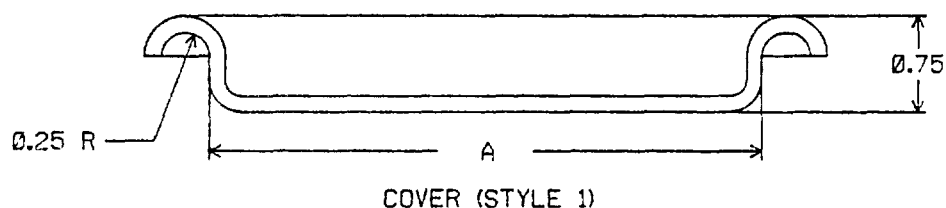
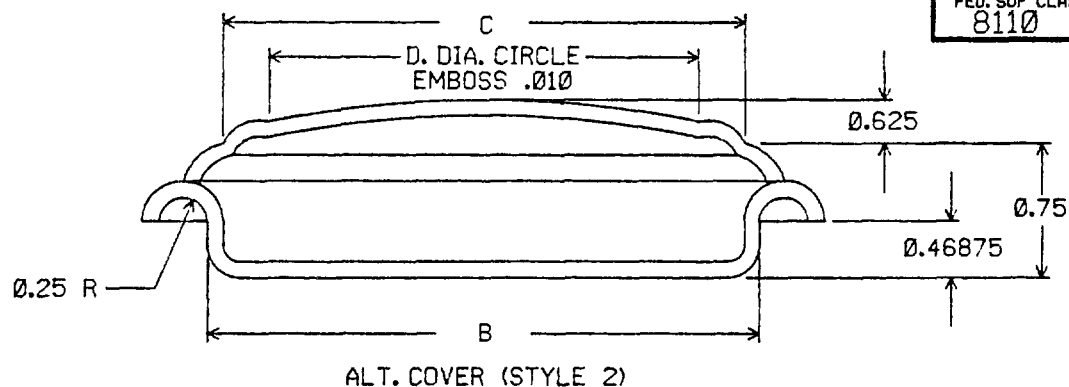
P.A. AF - 69	INTERNATIONAL INTEREST	TITLE	DRUMS, METAL-SHIPING AND STORAGE 16 TO 80 GALLONS	MILITARY STANDARD
Other Cust NAVY - AS ARMY - GL AF - 89				MS27683
PROCUREMENT SPECIFICATION MIL-D-6054	SUPERSEDES:	MS-24209, MS-63053 THRU MS-63058	SHEET	1 OF 3

DD FORM 672-1

AMSC N/A

Distribution Statement A Approved for public release, distribution is unlimited. 8110-

APPROVED 14 MARCH 69
REVISED (A) 10 JUNE 69 (B) 29 MARCH 74 (C) 14 MAY 1997

FED. SUP. CLASS
8110

COVER	Capacity	A	COVER	Capacity	B	C	D	Gasket	ALT. Gasket
STYLE #1	(Gallon)		STYLE #2	(Gallon)					
MS27683-60	16 AND 19	15.33	MS27683-98	16 AND 19	15.32	14.46	12.00	MS27683-90	MS27683-100
MS27683-60A	16 AND 19	15.94	NA					MS27683-90A	MS27683-100A
MS27683-61	20 AND 30	18.20	MS27683-99	20 AND 30	18.19	17.33	15.00	MS27683-91	MS27683-101
MS27683-62	22,27,36,45							MS27683-92	MS27683-102
	57 AND 61	22.45	NA						
MS27683-63	30,60 AND 80	23.95	NA					MS27683-93	MS27683-103
MS27683-64	34,59 AND 79	25.95	NA					MS27683-94	MS27683-104
MS27683-65	30,60 AND 80	27.95	NA					MS27683-95	MS27683-105
MS27683-66	29,39,56 AND 77	29.95	NA					MS27683-96	MS27683-106

MATERIAL: STEEL; SPECIFICATION ASTM A366

COVER: #18 GAGE (MIN.)

FINISH AND MARKING: IN ACCORDANCE WITH PROCUREMENT SPECIFICATION

DIMENSIONS IN INCHES: UNLESS OTHERWISE SPECIFIED, TOLERANCE ON HEIGHTS PLUS OR MINUS 0.12, OTHER DIMENSIONS PLUS OR MINUS 0.03, ANGLES PLUS OR MINUS 2 DEGREES.

REDRAWN

P.A. Other Cust	INTERNATIONAL INTEREST	TITLE DRUMS, METAL-SHIPING AND STORAGE 16 TO 80 GALLONS	MILITARY STANDARD MS27683
PROCUREMENT SPECIFICATION MIL-D-6054	SUPERSEDES: MS24209, MS63053 THRU MS 63058	SHEET 2 OF 3	

DD FORM 672-1

USER ACTIVITIES:

REVIEWER ACTIVITIES:

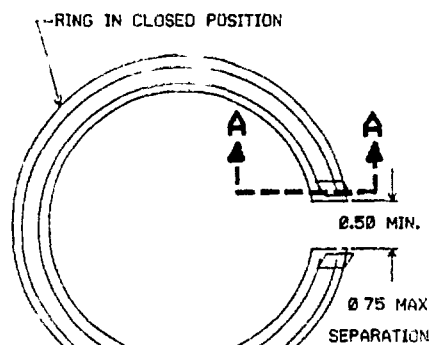
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APPROVED 14 MARCH 69 REVISED 10 JUNE 69 29 MARCH 74 14 May 1967

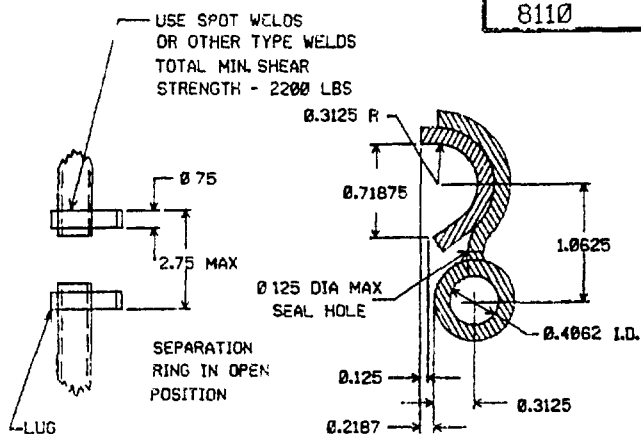
USER ACTIVITIES.

REVIEWER ACTIVITIES:

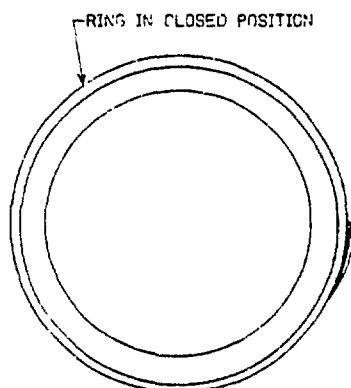
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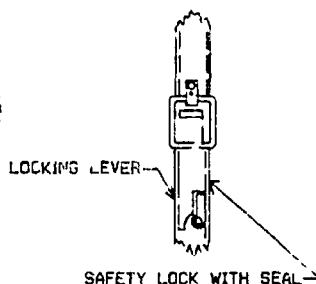
LOCKING RING STYLE 1



SECTION A-A



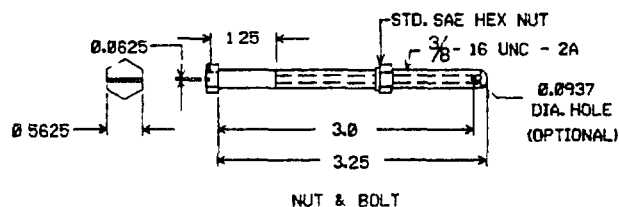
ALT LOCKING RING STYLE 2



CAPACITY GAL.	STYLE 1 LOCKING RING	STYLE 2 LOCKING RING
16 AND 19	MS27683-80	MS27683-70
16 AND 19	MS27683-80A	MS27683-70A
22 AND 30	MS27683-81	MS27683-71
22, 27, 30, 45 57 AND 61	MS27683-82	MS27683-72
30, 50 AND 80	MS27683-83	MS27683-73
34, 54 AND 79	MS27683-84	MS27683-74
30, 60 AND 80	MS27683-85	MS27683-75
29, 39, 58 AND 77	MS27683-86	MS27683-76

MATERIAL: STEEL; SPECIFICATION ASTM A109

FINISH AND MARKING. IN ACCORDANCE WITH PROCUREMENT SPECIFICATION



LUG AND LOCKING RING. #12 GAGE

REDRAWN

P.A. Other Cust	INTERNATIONAL INTEREST	TITLE DRUMS, METAL-SHIPING AND STORAGE 16 TO 80 GALLONS	MILITARY STANDARD MS27683
PROCUREMENT SPECIFICATION MI -D-6054		SUPERSEDES: MS24289, MS63053 THRU MS 63058	SHEET 3 OF 3

DD FORM 672-1

APPROVED 14 MARCH 69 REVISED (A) 10 JUNE 69 (B) 29 MARCH 74 (C) 14 May 1987