

USER ACTIVITIES: AV-EA-CG-MC-MS

REVIEWER ACTIVITIES: 99-MI-OS-GS-SA-SM

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.

(Project 8110-0280)

FED. SUP CLASS  
8110

NOTE - CORRUGATIONS NOT REQUIRED ON 11 LITRE DRUM

| DRUM ASSY NUMBER | CAP GAL | BODY        | COVER       | COVER      | DRUM HEIGHT |       |       | DRUM DIAMETERS |       |       |      | OTHER DIM. |       |  | APPROX. |
|------------------|---------|-------------|-------------|------------|-------------|-------|-------|----------------|-------|-------|------|------------|-------|--|---------|
|                  |         |             | STYLE #1    | STYLE #2   | A           | B     | C     | F              | G     | H     | J    | K          | WT.   |  |         |
| MS27684-1        | 3       | MS27684-11  | MS27684-21  | MS27684-22 | 9.34        | 8.56  | 8.08  | 10.50          | 10.26 | 9.93  | 0.25 | 0.75       | 7.5   |  |         |
| MS27684-1A       | 3       | MS27684-11A | MS27684-21A | NA         | 8.30        | 7.52  | 7.04  | 11.25          | 11.00 | 10.41 | 0.25 | 0.75       | 8.5   |  |         |
| MS27684-2        | 4       | MS27684-12  | MS27684-21  | MS27684-22 | 14.12       | 13.34 | 12.86 | 10.50          | 10.26 | 9.93  | 0.25 | 0.75       | 8.0   |  |         |
| MS27684-2A       | 4       | MS27684-12A | MS27684-21A | NA         | 12.46       | 11.68 | 11.20 | 11.25          | 11.00 | 10.41 | 0.25 | 0.75       | 8.0   |  |         |
| MS27684-3        | 6       | MS27684-13  | MS27684-21  | MS27684-22 | 18.00       | 17.22 | 16.74 | 10.50          | 10.26 | 9.93  | 0.25 | 0.75       | 10.0  |  |         |
| MS27684-3A       | 6       | MS27684-13A | MS27684-21A | NA         | 15.84       | 15.06 | 14.58 | 11.25          | 11.00 | 10.41 | 0.25 | 0.75       | 10.0  |  |         |
| MS27684-5        | 7       | MS27684-15  | MS27684-21  | MS27684-22 | 20.00       | 19.22 | 18.74 | 10.50          | 10.26 | 9.93  | 0.25 | 0.75       | 11.0  |  |         |
| MS27684-5A       | 7       | MS27684-15A | MS27684-21A | NA         | 17.58       | 16.80 | 16.32 | 11.25          | 11.00 | 10.41 | 0.25 | 0.75       | 11.0  |  |         |
| MS27684-6        | 8       | MS27684-16  | MS27684-21  | MS27684-22 | 22.74       | 21.96 | 21.48 | 10.50          | 10.26 | 9.93  | 0.25 | 0.75       | 11.5  |  |         |
| MS27684-6A       | 8       | MS27684-16A | MS27684-21A | NA         | 19.97       | 19.19 | 18.71 | 11.25          | 11.00 | 10.41 | 0.25 | 0.75       | 11.5  |  |         |
| MS27684-7        | 9       | MS27684-17  | MS27684-23  | MS27684-24 | 15.38       | 14.75 | 14.19 | 13.81          | 13.56 | 13.17 | 0.31 | 0.59       | 13.0  |  |         |
| MS27684-7A       | 9       | MS27684-17A | MS27684-23A | NA         | 15.00       | 14.37 | 13.81 | 14.00          | 13.75 | 13.19 | 0.31 | 0.59       | 13.0  |  |         |
| MS27684-8        | 12      | MS27684-18  | MS27684-23  | MS27684-24 | 20.88       | 20.25 | 19.69 | 13.81          | 13.56 | 13.17 | 0.31 | 0.59       | 16.00 |  |         |
| MS27684-8A       | 12      | MS27684-18A | MS27684-23A | NA         | 20.35       | 19.72 | 19.16 | 14.00          | 13.75 | 13.19 | 0.31 | 0.59       | 16.00 |  |         |

MATERIAL: STEEL, SPECIFICATION ASTM A366-72 (R79)

FINISH AND MARKING: SEE PROCUREMENT SPECIFICATION

DIMENSIONS IN INCHES: UNLESS OTHERWISE SPECIFIED,  
TOLERANCE, HEIGHT PLUS OR MINUS 0.125  
DIAMETER PLUS OR MINUS 0.030,  
ANGLES PLUS OR MINUS 2 DEGREE  
ROLL CORRUGATIONS PLUS OR MINUS 0.125 INCH

NOTE: CAPACITY IN GALLONS IS APPROXIMATE.  
TO CONVERT GALLONS TO LITRES MULTIPLY BY 3.785

BODY AND BOTTOM: MS27684-11 THRU MS27684-16 22 GAGE MIN.  
MS27684-17 AND MS27684-18 20 GAGE MIN.

REDRAWN

|   |   |  |                              |
|---|---|--|------------------------------|
| P.A. AF - 69<br>Other Cust<br>NAVY - AS<br>ARMY - GL<br>AF - 69 | INTERNATIONAL INTEREST                            | TITLE<br>DRUMS, METAL-SHIPING AND STORAGE<br>3 TO 12 GALLONS | MILITARY STANDARD<br>MS27684 |
| PROCUREMENT SPECIFICATION<br>MIL-D-6054                         | SUPERSEDES:<br>MS63047, MS63048, MS63049, MS63052 | 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 10 JUNE 69  
29 MARCH 74  
14 May 1987

USER ACTIVITIES:

REVIEWER ACTIVITIES:

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.

| COVER       | A     | B     | ALT. COVER | A     | B     | C     | D     | E     | GASKET      | ALT. GASKET |
|-------------|-------|-------|------------|-------|-------|-------|-------|-------|-------------|-------------|
| MS27684-21  | 10.44 | .1562 | MS27684-22 | 10.44 | .1562 | 8.75  | 9.81  | .625  | MS27684-25  | MS27684-26  |
| MS27684-21A | 11.19 | .1562 | NA         |       |       |       |       |       | MS27684-25A | MS27684-26A |
| MS27684-23  | 13.75 | .1875 | MS27684-24 | 13.75 | .1875 | 10.00 | 13.05 | .4687 | MS27684-27  | MS27684-28  |
| MS27684-23A | 13.94 | .1875 | NA         |       |       |       |       |       | MS27684-27A | MS27684-28A |

**REDRAWN**

MATERIAL: STEEL; SPECIFICATION ASTM A366  
 FINISH AND MARKING: IN ACCORDANCE WITH PROCUREMENT SPECIFICATION

DIMENSIONS ARE INCHES...

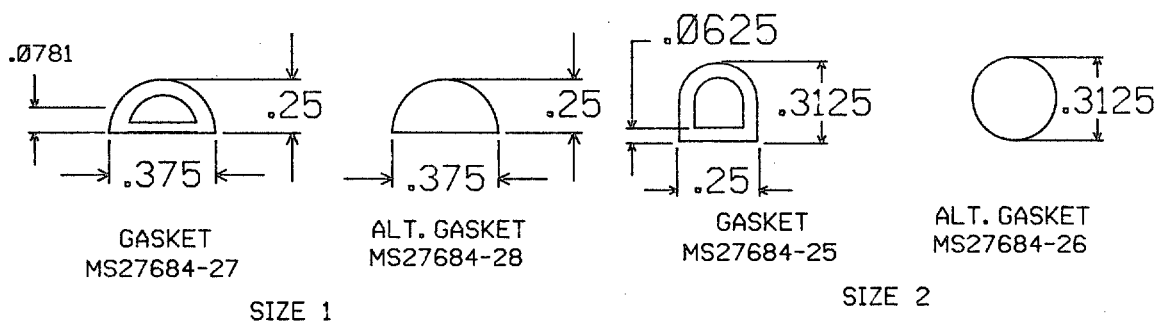
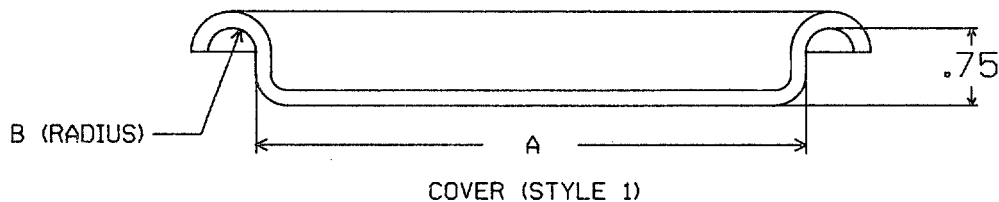
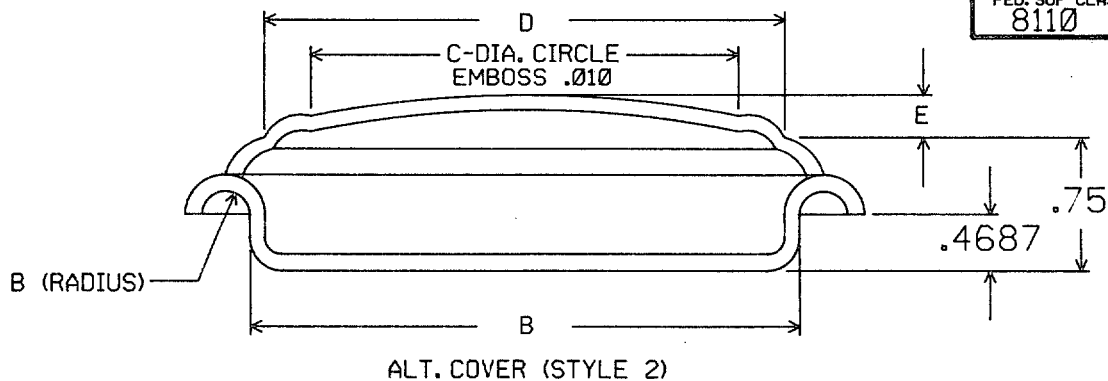
COVER: MS27684-21 AND MS27684-23 \*20 GAGE (MIN.)  
 ALT. COVER: MS27684-22 AND MS27684-24 \*20 GAGE (MIN.)

|   |                           |  |                                     |
|---|---------------------------|--|-------------------------------------|
| P.A.<br>Other Cust                      | INTERNATIONAL<br>INTEREST | TITLE<br>DRUMS, METAL-SHIPING AND STORAGE<br>3 TO 12 GALLONS | MILITARY STANDARD<br><b>MS27684</b> |
| PROCUREMENT SPECIFICATION<br>MIL-D-6054 |                           | SUPERSEDES:<br>MS63047, MS63048, MS63049, MS63052            | SHEET 2 OF 3                        |

DD FORM 672-1

APPROVED 14 MARCH 69 REVISED 10 JUNE 69 29 MARCH 74 14 MAY 1987

FED. SUP. CLASS  
8110



USER ACTIVITIES:

REVIEWER ACTIVITIES:

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.

| CAPACITY LITRE |  |  | STYLE 1 LOCKING RING | STYLE 2 LOCKING RING |
|----------------|--|--|----------------------|----------------------|
| 11 THRU 30     |  |  | MS27684-31           | MS27684-35           |
| 11 THRU 30     |  |  | MS27684-31A          | MS27684-35A          |
| 34 THRU 48     |  |  | MS27684-32           | MS27684-36           |
| 34 THRU 48     |  |  | MS27684-32A          | MS27684-36A          |

MATERIAL: STEEL: SPECIFICATION ASTM A109

FINISH AND MARKING: IN ACCORDANCE WITH PROCUREMENT SPECIFICATION

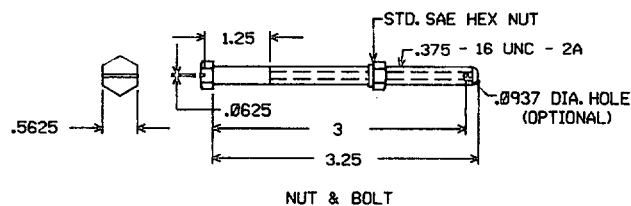
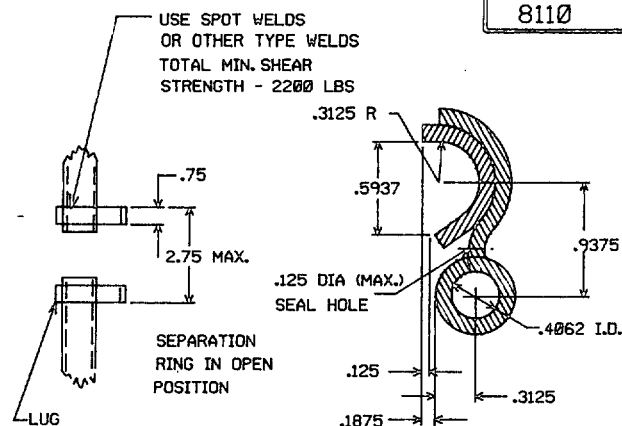
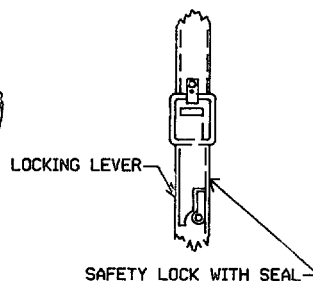
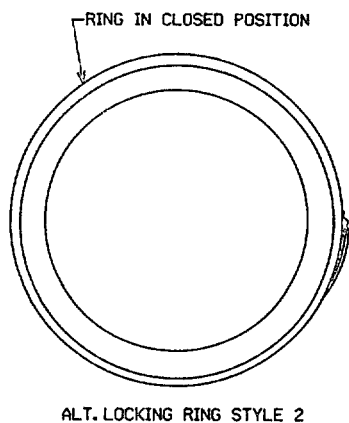
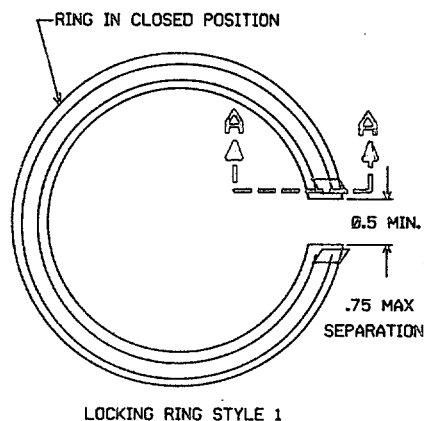
LOCKING RING: #13 GAGE

LUG: #12 GAGE

REDRAWN

| P.A.                                    | INTERNATIONAL INTEREST | TITLE   | MILITARY STANDARD |
|---|------------------------|---|-------------------|
| Other Cust                              |                        | DRUMS, METAL-SHIPING AND STORAGE<br>3 TO 12 GALLONS | MS27684           |
| PROCUREMENT SPECIFICATION<br>MIL-D-6054 |                        |   | 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