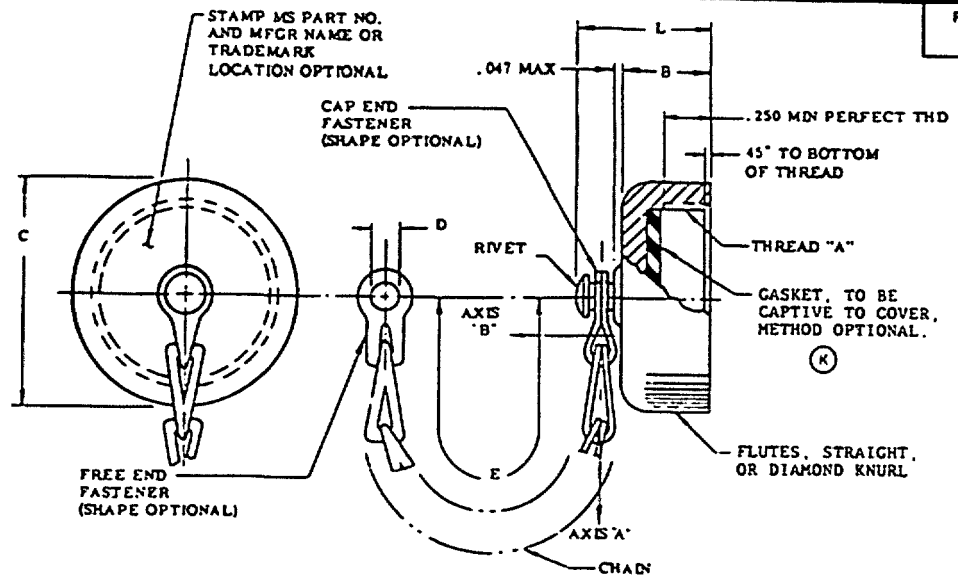


UNER SYMBOLS:
NAVY - MI
ARMY - 11
USAF - 11

REVERSE SYMBOLS:
NAVY - 99
ARMY - AV, MU, AR, SC
DLA - ES

FED. SUP CLASS
5935



| DASH NO. | COUPLING SIZE | THREAD A | B MAX | C MAX DIA. | D +.010 -.005 DIA | E + .001 LDMK | L MAX |
|----------|---------------|------------------|-------|------------|----------------------------|---------------------|-------|
| -8DA | 85 | 1/2-28 UNEF-2B | .460 | .688 | .140 | 4.000 | .750 |
| -10DA | 105 105L | 5/8-24 UNEF-2B | | .813 | | | |
| -12DA | 12. 125 | 3/4-20 UNEF-2B | | 1.000 | | | |
| -14DA | 14. 145 | 7/8-20 UNEF-2B | | 1.125 | | | |
| -16DA | 16. 165 | 1-20 UNEF-2B | | 1.188 | | | |
| -18DA | 18 | 1-1/8-18 UNEF-2B | | 1.344 | | | |
| -20DA | 20 | 1-1/4-18 UNEF-2B | | 1.469 | | | |
| -22DA | 22 | 1-3/8-18 UNEF-2B | | 1.594 | | | |
| -24DA | 24 | 1-1/2-18 UNEF-2B | | 1.719 | | | |
| -28DA | 28 | 1-3/4-18 UNS-2B | | 1.969 | | | |
| -32DA | 32 | 2-18 UNS-2B | 2.219 | | | | |
| -36DA | 36 | 2-1/4-16 UN-2B | .531 | 2.469 | .167 | 7.750 | |
| -40DA | 40 | 2-1/2-16 UN-2B | | 2.719 | | | |
| -44DA | 44 | 2-3/4-16 UN-2B | | 2.969 | | | |
| -48DA | 48 | 3-16 UN-2B | | 3.188 | | | |

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 Reverse information is current as of the date of this document.
 For future coordination of changes to this document, draft circulation
 should be based on the information in the current DODDIS.

- (K) (a) MATERIAL: COVER: ALUMINUM ALLOY, QQ-A-225/3, /5, /6 OR /8 CONDITION T, OR ASTM B85 ALLOY NUMBERS S12A, S12C, SC84A, SC84B.
 GASKET: SILICONE ELASTOMER DISK (THICKNESS .050 - .070)
 CHAIN: STAINLESS STEEL SASH CHAIN, RR-C-271, TYPE II, CLASS 3, GRADE NO. 8, PASSIVATED.
 CHAIN END FASTENERS: COMMERCIAL GRADE OF STAINLESS STEEL, PASSIVATED.
- (b) FINISH A - BLACK ANODIZE PER MIL-A-8625 TYPE II, CLASS 2 (MINIMUM THICKNESS .0006).
- (c) THREADS SHALL BE IN ACCORDANCE WITH MIL-S-7742.
- (d) QUALIFICATION: FOR QUALIFICATION ONE PROTECTIVE COVER OF EACH SHELL SIZE WITH MATING CLASS F OR R CONNECTORS SHALL BE SUBJECTED TO THE FOLLOWING TESTS OF MIL-C-2013: EXAMINATION OF PRODUCTS, CORROSION, AIR LEAKAGE, AND TENSILE STRENGTH.
- (e) TENSILE STRENGTH: THE PROTECTIVE COVER AND CHAIN ASSEMBLY SHALL WITHSTAND A TENSILE LOAD OF 25 POUNDS APPLIED TO AXIS "A" AND AXIS "B" FOR 5 MINUTES.
- (f) REMOVE ALL BURRS AND SHARP EDGES.
- (g) DIMENSIONS IN INCHES.
- (h) THE CAP END FASTENER SHALL ROTATE FREELY AFTER BEING ASSEMBLED TO THE COVER.
- (i) COVERS WITHOUT CHAINS CANCELED AS OF 15 NOVEMBER 1966. DASH NUMBERS MS25043-8DA THRU MS25043-48DA SUPERSEDE DASH NUMBERS MS25043-8C THRU MS25043-48C AND MS25043-8D THRU MS25043-48D.
- (j) REQUISITIONS FOR COVERS FOR FINISH CLASS E, F, H, J, L, N, P, R, S AND W TO BE FILLED WITH FINISH A.
- (k) MS25043-22DA SUPERSEDES NAF-1307-3.
- (l) TO INSURE SEALABILITY, THE CONNECTOR MATING SURFACE OF THE GASKET MUST BE LOCATED SUCH THAT THE ".250 MIN. PERFECT THD" DEPTH IS GREATER THAN THIS SURFACE LOCATION OF THE GASKET WHEN REFERENCED FROM THE END OF THE PLUG.
- (m) EXAMPLE OF PART NUMBER: MS25043 12D A BASIC PART NUMBER DASH NO. FINISH
- (n) IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION; FOR BID.
- (R) DENOTES CHANGE.

AMSC N/A
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|---|--|--------------------------|------|
| P.A. NAVY - AS Other Cust USAF - 85 ARMY - CR | TITLE | MILITARY STANDARD | |
| | COVER, ELECTRICAL CONNECTOR, RECEPTACLE, AN TYPE | MS 25043 | |
| PROCEMURE SPECIFICATION MIL-C-5015 | SUPERSEDES: NAF-1307-3 | SHEET | OF 1 |