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FED. SUP CLASS
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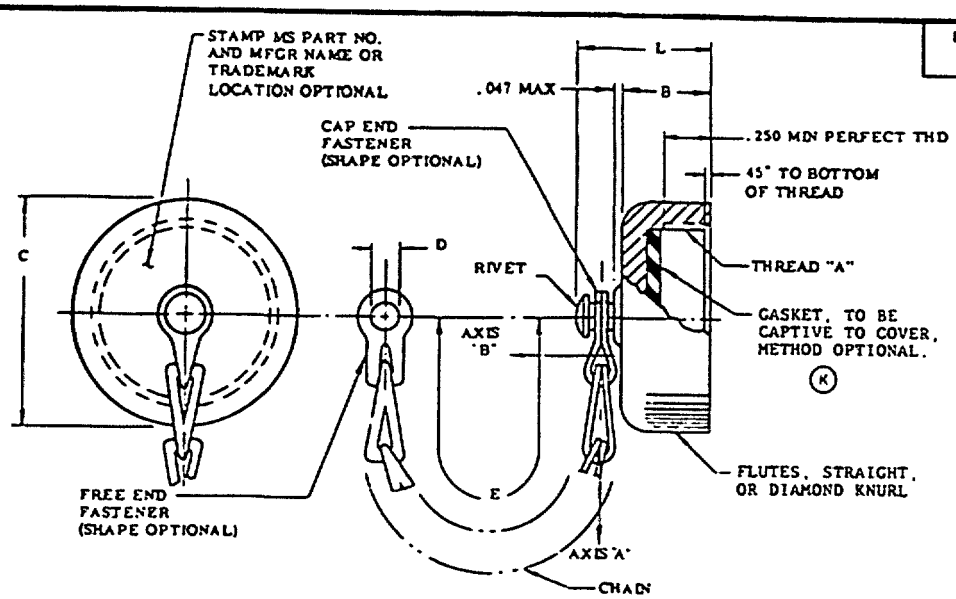

DASH NO.	COUPLING SIZE	THREAD A	B MAX	C MAX DIA.	D +.010 -.005 DIA	E + ONE LDNK	L MAX
-8DA	8S	1/2-28 UNEF-2B		.688		4.000	
-10DA	10S, 10SL	5/8-24 UNEF-2B		.815			
-12DA	12, 12S	3/4-20 UNEF-2B		1.000			
-14DA	14, 14S	7/8-20 UNEF-2B		1.125	.140	4.500	.750
-16DA	16, 16S	1 -20 UNEF-2B	.469	1.188			
-18DA	18	1-1/8-18 UNEF-2B		1.344			
-20DA	20	1-1/4-18 UNEF-2B		1.469		5.000	
-22DA	22	1-3/8-18 UNEF-2B		1.594			
-24DA	24	1-1/2-18 UNEF-2B		1.719	.171	5.500	
-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		2.469	.187	7.750	.812
-40DA	40	2-1/2-16 UN-2B	.531	2.719			
-44DA	44	2-3/4-16 UN-2B		2.969			
-48DA	48	3 -16 UN-2B		3.188			

(K)

(a) MATERIAL: COVER: ALUMINUM ALLOY, QQ-A-225/3, /5, /6 OR /8 CONDITION T, OR ASTM B85 ALLOY NUMBERS S12A, S12D, 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-5015: 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 — BASIC PART NUMBER; 12D — DASH NO.; A — FINISH

(K)

(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.

(K) DENOTES CHANGE

APPROVED 30 APRIL 1954 REVISED (1) 21 DECEMBER 1984 (K) 28 DEC 1987

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

DD FORM 1 MAR 72 672-1 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. PLATE NO. 23060

PROJECT NO. 5935-3579-02

AMSC N/A
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