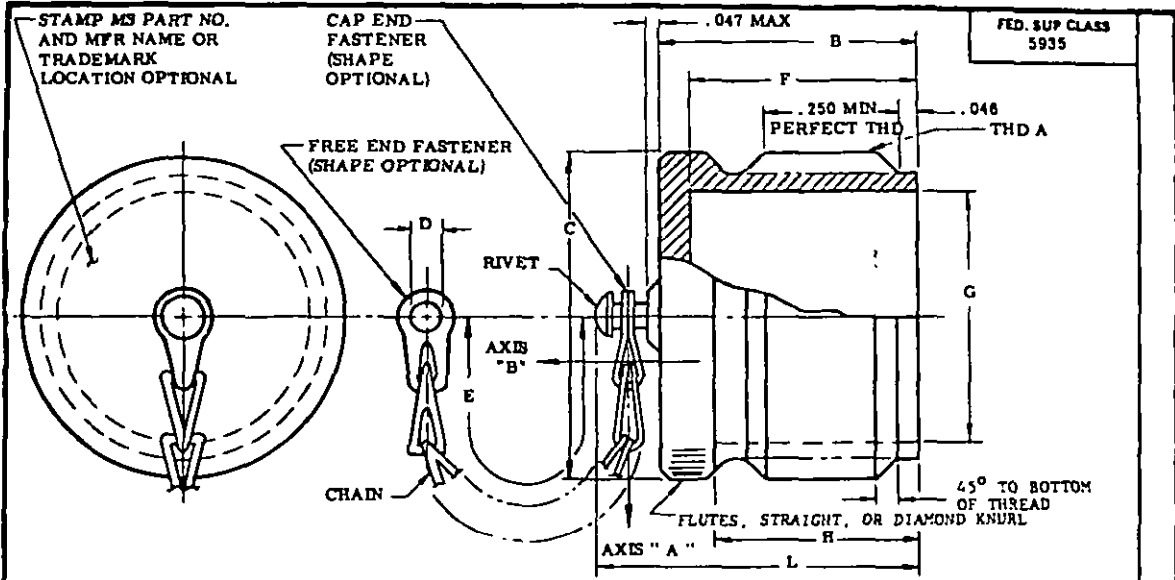


AMSC H/A
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REVISION SYMBOLS:
 NAVY - 99
 ARMY - AV, NU, AR, SC
 DLA - ES

USDA SYMBOLS:
 ARMY - H1
 USAF - 11



DASH NO.	COUPLING SIZE	THREAD A	B MAX	C MAX DIA	D $\pm .010$ $\pm .005$ DIA.	E \pm ONE LINK	F	G DIA	H MIN	L MAX		
-8DA	8S	1/2-28 UNEF-2A	.656	.562	.156	4.000	.562	.375	.380	.969		
-10DA	10S, 10SL	5/8-24 UNEF-2A		.587								.489
-12DA	12, 12S	3/4-20 UNEF-2A		.812								.562
-14DA	14, 14S	7/8-20 UNEF-2A		.937								.688
-16DA	16, 16S	1-20 UNEF-2A	.844	1.062	.187	4.500	.750	.812	.630	1.156		
-18DA	18	1-1/8-18 UNEF-2A		1.187				.938				
-20DA	20	1-1/4-18 UNEF-2A		1.312				1.062				
-22DA	22	1-3/8-18 UNEF-2A		1.437				1.188				
-24DA	24	1-1/2-18 UNEF-2A	.218	1.562	7.750			1.312				
-28DA	28	1-3/4-18 UN-2A		1.812				1.531				
-32DA	32	2-18 UN-2A		2.062				1.781				
-36DA	36	2-1/4-16 UN-2A		2.312				2.000				
-40DA	40	2-1/2-16 UN-2A		2.562				2.250				
-44DA	44	2-3/4-16 UN-2A		2.812				2.500				
-48DA	48	3-16 UN-2A		3.062				2.750			.590	

- (a) MATERIAL: COVER; ALUMINUM ALLOY, QQ-A-225/J, /5, /6 OR /8 CONDITION T, OR ASTM B85 ALLOY NUMBERS 512A, 512B, SC84A, SC84B.
 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 SUBJECT 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, UNLESS OTHERWISE SPECIFIED TOLERANCES $\pm .016$.
- (h) THE CAP END FASTENER SHALL ROTATE FREELY AFTER BEING ASSEMBLED TO THE COVER.
- (i) COVERS WITHOUT CHAINS CANCELED AS OF 15 NOVEMBER 1966.
- (j) DASH NUMBERS MS25042-8DA THRU MS25042-48DA SUPERSEDE DASH NUMBERS MS25042-8C THRU MS25042-48C AND MS25042-8D THRU MS25042-48D.
- (k) "H" IS MINIMUM ENGAGING DIMENSION.
- (l) REQUISITIONS FOR COVERS FOR FINISH CLASS E, F, H, J, L, N, P, R, S AND W TO BE FILLED WITH FINISH A.
- (m) EXAMPLE OF PART NUMBER:

MS25042	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.
- (v) DENOTES CHANGE

P.A. NAVY - AS Other Cust USAF - 35 ARMY - CR	TITLE COVER, ELECTRICAL CONNECTOR; PLUG, AN TYPE	MILITARY STANDARD MS25042
PROCUREMENT SPECIFICATION MIL-C-5015	SUPERSEDES:	SHEET 1 OF 1

APPROVED 30 APR 54 REVISED J 21 December 1984 K 28 DEC 1987