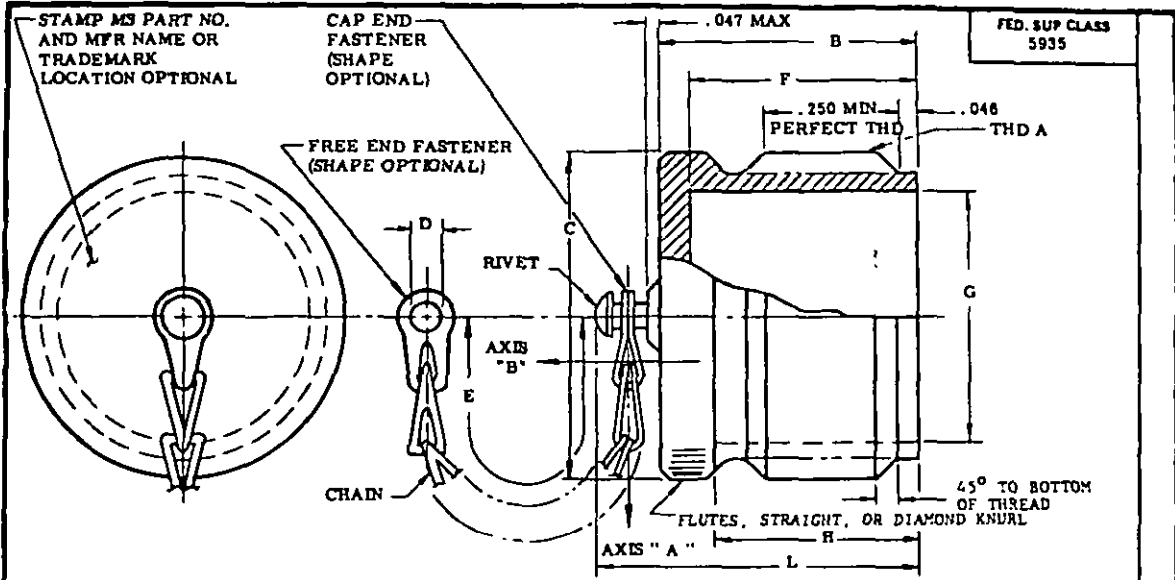


USDA SYMBOLS:
ARMY - H1
USAF - 11

REVIEW SYMBOLS:
NAVY - 99
ARMY - AV, NU, AR, SC
DLA - ES



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		4.000	.562	.375	.380	.969
-10DA	10S, 10SL	5/8-24 UNEF-2A		.587				.469		
-12DA	12, 12S	3/4-20 UNEF-2A		.812	.156			.562		
-14DA	14, 14S	7/8-20 UNEF-2A		.937		4.500		.688		
-16DA	16, 16S	1-20 UNEF-2A		1.062				.812		
-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	.187	5.000		1.188	.630	
-24DA	24	1-1/2-18 UNEF-2A	.844	1.562		5.500	.750	1.312		1.156
-28DA	28	1-3/4-18 UNS-2A		1.812				1.531		
-32DA	32	2-18 UNS-2A		2.062				1.781		
-36DA	36	2-1/4-16 UN-2A		2.312		7.750		2.000		
-40DA	40	2-1/2-16 UN-2A		2.562	.218			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	

AMSC H-1A
DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

This military standard is approved for use by all Departments, Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

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- (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 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, 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	TITLE COVER, ELECTRICAL CONNECTOR; PLUG, AN TYPE	MILITARY STANDARD MS25042
USAF - 35 ARMY - CR	SUPERSEDES:	SHEET 1 OF 1
PROCUREMENT SPECIFICATION MIL-C-5015		