NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
   A. DOD-STD-100

2. FINAL PROTECTIVE FINISH:
   CADMIUM PLATE
   TYPE I, CLASS 3
   SPEC QQ-P-416

3. MATERIAL:
   ALLOY STEEL
   COMP 8640, 8740 OR 4140
   SPEC QQ-S-624

4. IN ADDITION TO REQUIREMENTS OF THIS DRAWING, SUPPLEMENTAL QUALITY ASSURANCE PROVISIONS ARE REQUIRED FOR THIS ITEM.

5. THREADS TO BE FORMED AFTER HEAT TREATMENT

6. DIMENSIONS TO BE WET AFTER PLATING

7. HEAT TREATMENT:
   QUENCH & TEMPER
   ROCKWELL HARDNESS C-28 TO C-34

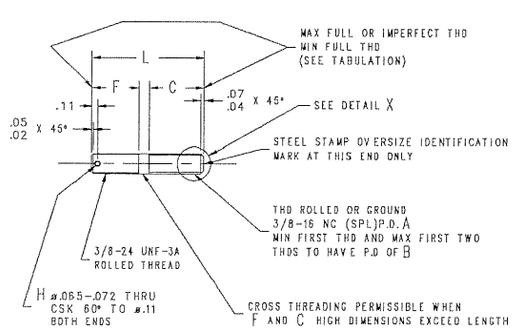
8. DO NOT APPLY PART NO.

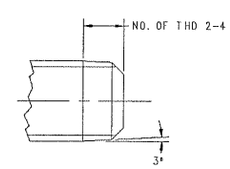
PART NO.	A	B	IDENTIFICATION MARK	IDENTIFICATION COLOR	H	L	F MIN	F MAX	C MIN	C MAX
7403515	.3421-.3405	.3339-.3319		----	YES	1.53	.62-.75		.72-.84	
7348779	.3451-.3435	.3421-.3401		RED	YES	1.53	.62-.75		.72-.84	
7348780	.3491-.3475	.3451-.3431		BLUE	YES	1.53	.62-.75		.72-.84	
7348781	.3541-.3525	.3491-.3471		GREEN	YES	1.53	.62-.75		.72-.84	
7348527	.3421-.3405	.3339-.3319		----	YES	1.25	.56-.68		.75-.84	
7348529	.3451-.3435	.3421-.3401		RED	YES	1.25	.56-.68		.75-.84	
7348531	.3491-.3475	.3451-.3431		BLUE	YES	1.25	.56-.68		.75-.84	
7348530	.3541-.3525	.3491-.3471		GREEN	YES	1.25	.56-.68		.75-.84	
8745438	.3421-.3405	.3339-.3319		----	NO	1.41	.56-.68		.75-.84	
7415384	.3451-.3435	.3421-.3401		RED	NO	1.41	.56-.68		.75-.84	
7415385	.3491-.3475	.3451-.3431		BLUE	NO	1.41	.56-.68		.75-.84	
7415386	.3541-.3525	.3491-.3471		GREEN	NO	1.41	.56-.68		.75-.84	
7350203	.3421-.3405	.3339-.3319		----	NO	1.56	.81-.94		.56-.69	
7414217	.3451-.3435	.3421-.3401		RED	NO	1.56	.81-.94		.56-.69	
7414218	.3491-.3475	.3451-.3431		BLUE	NO	1.56	.81-.94		.56-.69	
7403328	.3541-.3525	.3491-.3471		GREEN	NO	1.56	.81-.94		.56-.69	
8745437	.3421-.3405	.3339-.3319		----	NO	1.59	.62-.75		.75-.84	
7415381	.3451-.3435	.3421-.3401		RED	NO	1.59	.62-.75		.75-.84	
7415382	.3491-.3475	.3451-.3431		BLUE	NO	1.59	.62-.75		.75-.84	
7415383	.3541-.3525	.3491-.3471		GREEN	NO	1.59	.62-.75		.75-.84	
7403519	.3421-.3405	.3339-.3319		----	NO	1.62	.62-.75		.75-.84	
7348812	.3451-.3435	.3421-.3401		RED	NO	1.62	.62-.75		.75-.84	
7348813	.3491-.3475	.3451-.3431		BLUE	NO	1.62	.62-.75		.75-.84	
7348814	.3541-.3525	.3491-.3471		GREEN	NO	1.62	.62-.75		.75-.84	
7403517	.3421-.3405	.3339-.3319		----	YES	1.75	.81-.94		.78-.88	
7348803	.3451-.3435	.3421-.3401		RED	YES	1.75	.81-.94		.78-.88	
7348804	.3491-.3475	.3451-.3431		BLUE	YES	1.75	.81-.94		.78-.88	
7348805	.3541-.3525	.3491-.3471		GREEN	YES	1.75	.81-.94		.78-.88	
7403097	.3421-.3405	.3339-.3319		----	NO	1.75	.81-.94		.78-.88	
7744572	.3451-.3435	.3421-.3401		RED	NO	1.75	.81-.94		.78-.88	
7744573	.3491-.3475	.3451-.3431		BLUE	NO	1.75	.81-.94		.78-.88	
7744574	.3541-.3525	.3491-.3471		GREEN	NO	1.75	.81-.94		.78-.88	
7403098	.3421-.3405	.3339-.3319		----	NO	1.94	.75-.88		.82-1.02	
7744813	.3451-.3435	.3421-.3401		RED	NO	1.94	.75-.88		.82-1.02	
7744564	.3491-.3475	.3451-.3431		BLUE	NO	1.94	.75-.88		.82-1.02	
7744563	.3541-.3525	.3491-.3471		GREEN	NO	1.94	.75-.88		.82-1.02	
7392818	.3421-.3405	.3339-.3319		----	NO	2.09	.75-.88		.82-1.02	
8666736	.3451-.3435	.3421-.3401		RED	NO	2.09	.75-.88		.82-1.02	
8666737	.3491-.3475	.3451-.3431		BLUE	NO	2.09	.75-.88		.82-1.02	
	.3541-.3525	.3491-.3471		GREEN	NO	2.09	.75-.88		.82-1.02	
8735490	.3421-.3405	.3339-.3319		----	YES	2.12	.62-.75		.78-.88	
7376244	.3451-.3435	.3421-.3401		RED	YES	2.12	.62-.75		.78-.88	
7376245	.3491-.3475	.3451-.3431		BLUE	YES	2.12	.62-.75		.78-.88	
7376247	.3541-.3525	.3491-.3471		GREEN	YES	2.12	.62-.75		.78-.88	
7403099	.3421-.3405	.3339-.3319		----	NO	2.25	.62-.75		.75-.84	
7744661	.3451-.3435	.3421-.3401		RED	NO	2.25	.62-.75		.75-.84	
7744663	.3491-.3475	.3451-.3431		BLUE	NO	2.25	.62-.75		.75-.84	
7744662	.3541-.3525	.3491-.3471		GREEN	NO	2.25	.62-.75		.75-.84	
7403520	.3421-.3405	.3339-.3319		----	NO	2.38	.59-.69		.78-.84	
7410033	.3451-.3435	.3421-.3401		RED	NO	2.38	.59-.69		.78-.84	
7410034	.3491-.3475	.3451-.3431		BLUE	NO	2.38	.59-.69		.78-.84	
7410035	.3541-.3525	.3491-.3471		GREEN	NO	2.38	.59-.69		.78-.84	
7084411	.3421-.3405	.3339-.3319		----	NO	2.44	.62-.75		.75-.84	
7348809	.3451-.3435	.3421-.3401		RED	NO	2.44	.62-.75		.75-.84	
7348810	.3491-.3475	.3451-.3431		BLUE	NO	2.44	.62-.75		.75-.84	
7348811	.3541-.3525	.3491-.3471		GREEN	NO	2.44	.62-.75		.75-.84	

PART NO.	A	B	IDENTIFICATION MARK	IDENTIFICATION COLOR	H	L	F MIN	F MAX	C MIN	C MAX
7403096	.3421-.3405	.3339-.3319		----	NO	2.62	1.25-1.38		.75-.84	
7538643	.3451-.3435	.3421-.3401		RED	NO	2.62	1.25-1.38		.75-.84	
7539706	.3491-.3475	.3451-.3431		BLUE	NO	2.62	1.25-1.38		.75-.84	
7375800	.3541-.3525	.3491-.3471		GREEN	NO	2.62	1.25-1.38		.75-.84	
7403513	.3421-.3405	.3339-.3319		----	NO	3.50	.81-.94		.75-.84	
7348794	.3451-.3435	.3421-.3401		RED	NO	3.50	.81-.94		.75-.84	
7348795	.3491-.3475	.3451-.3431		BLUE	NO	3.50	.81-.94		.75-.84	
7348796	.3541-.3525	.3491-.3471		GREEN	NO	3.50	.81-.94		.75-.84	
7403239	.3421-.3405	.3339-.3319		----	YES	3.50	.62-.75		.75-.84	
7767314	.3451-.3435	.3421-.3401		RED	YES	3.50	.62-.75		.75-.84	
7767315	.3491-.3475	.3451-.3431		BLUE	YES	3.50	.62-.75		.75-.84	
7767316	.3541-.3525	.3491-.3471		GREEN	YES	3.50	.62-.75		.75-.84	
7403101	.3421-.3405	.3339-.3319		----	NO	3.88	.62-.75		.75-.84	
7744795	.3451-.3435	.3421-.3401		RED	NO	3.88	.62-.75		.75-.84	
7744605	.3491-.3475	.3451-.3431		BLUE	NO	3.88	.62-.75		.75-.84	
7744604	.3541-.3525	.3491-.3471		GREEN	NO	3.88	.62-.75		.75-.84	
7403514	.3421-.3405	.3339-.3319		----	NO	5.00	.62-.75		.75-.84	
7410163	.3451-.3435	.3421-.3401		RED	NO	5.00	.62-.75		.75-.84	
7410162	.3491-.3475	.3451-.3431		BLUE	NO	5.00	.62-.75		.75-.84	
7410164	.3541-.3525	.3491-.3471		GREEN	NO	5.00	.62-.75		.75-.84	
8732817	.3421-.3405	.3339-.3319		----	NO	2.34	1.00-1.10		.78-.88	
8732818	.3451-.3435	.3421-.3401		RED	NO	2.34	1.00-1.10		.78-.88	
8732819	.3491-.3475	.3451-.3431		BLUE	NO	2.34	1.00-1.10		.78-.88	
8732820	.3541-.3525	.3491-.3471		GREEN	NO	2.34	1.00-1.10		.78-.88	
8682605	.3421-.3405	.3339-.3319		----	NO	6.68	.75-.88		.88-1.00	
8682606	.3451-.3435	.3421-.3401		RED	NO	6.68	.75-.88		.88-1.00	
8682607	.3491-.3475	.3451-.3431		BLUE	NO	6.68	.75-.88		.88-1.00	
8682608	.3541-.3525	.3491-.3471		GREEN	NO	6.68	.75-.88		.88-1.00	
7084408	.3421-.3405	.3339-.3319		----	NO	3.81	.62-.75		.81-.88	
8666734	.3451-.3435	.3421-.3401		RED	NO	3.81	.62-.75		.81-.88	
8666735	.3491-.3475	.3451-.3431		BLUE	NO	3.81	.62-.75		.81-.88	
	.3541-.3525	.3491-.3471		GREEN	NO	3.81	.62-.75		.81-.88	
7084409	.3421-.3405	.3339-.3319		----	NO	1.88	.84-.97		.78-.94	
7084422	.3451-.3435	.3421-.3401		RED	NO	1.88	.84-.97		.78-.94	
7084423	.3491-.3475	.3451-.3431		BLUE	NO	1.88	.84-.97		.78-.94	
	.3541-.3525	.3491-.3471		GREEN	NO	1.88	.84-.97		.78-.94	
7084413	.3421-.3405	.3339-.3319		----	NO	2.94	.88		.88	
7084428	.3451-.3435	.3421-.3401		RED	NO	2.94	.88		.88	
7084429	.3491-.3475	.3451-.3431		BLUE	NO	2.94	.88		.88	
	.3541-.3525	.3491-.3471		GREEN	NO	2.94	.88		.88	
7084414	.3421-.3405	.3339-.3319		----	NO	4.38	.81-.94		.88-1.00	
7084430	.3451-.3435	.3421-.3401		RED	NO	4.38	.81-.94		.88-1.00	
7084431	.3491-.3475	.3451-.3431		BLUE	NO	4.38	.81-.94		.88-1.00	
	.3541-.3525	.3491-.3471		GREEN	NO	4.38	.81-.94		.88-1.00	
7084258	.3421-.3405	.3339-.3319		----	NO	4.12	.56-.66		.66-.78	
7084440	.3451-.3435	.3421-.3401		RED	NO	4.12	.56-.66		.66-.78	
7084441	.3491-.3475	.3451-.3431		BLUE	NO	4.12	.56-.66		.66-.78	
	.3541-.3525	.3491-.3471		GREEN	NO	4.12	.56-.66		.66-.78	
7084419	.3421-.3405	.3339-.3319		----	NO	2.56	.62-.75		1.00-1.12	
7084442	.3451-.3435	.3421-.3401		RED	NO	2.56	.62-.75		1.00-1.12	
7084443	.3491-.3475	.3451-.3431		BLUE	NO	2.56	.62-.75		1.00-1.12	
	.3541-.3525	.3491-.3471		GREEN	NO	2.56	.62-.75		1.00-1.12	
7084407	.3421-.3405	.3339-.3319		----	NO	3.31	.81-.94		.75-.84	
7084444	.3451-.3435	.3421-.3401		RED	NO	3.31	.81-.94		.75-.84	
7084445	.3491-.3475	.3451-.3431		BLUE	NO	3.31	.81-.94		.75-.84	
	.3541-.3525	.3491-.3471		GREEN	NO	3.31	.81-.94		.75-.84	

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED M.V	R.D.
	N	(1) ADDED PART NO. 7348529-1 THRU 7348529-8 SH-2 (CO-E9586)	74-09-12		
	P	REVISED AND REDRAWN FOR CAD. NOTES RENUMBERED. DRAWING SIZE WAS D. DRAWING SCALE WAS 2/1 (CO-E9540)	99-01-01	PJP	





DETAIL X
SCALE: 4/1
OPTIONAL CONSTRUCTION

PART NO. SEE TABULATION

PMIC	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON
2 PLACES ±.01 3 PLACES ±.010 ANGLES ±2°

MATL ENGR XXX

CONTRACT NUMBER
CONTRACTOR GENERAL DYNAMICS LAND SYSTEMS MUSKEGON OPERATIONS
DRAWN BY L.L. DATE (YY-MM-DD) 94-06-04
CHECKED BY H.G. LARSON ENGINEER
DRAWING APPROVAL G.CURRY
DESIGN APPROVAL

US ARMY
TANK-AUTOMOTIVE AND ARMAMENTS COMMAND
WARREN, MICHIGAN 48397-5000

STUD
3/8-16 X 3/8-24

SIZE	CAGE CODE	DRAWING NO.
E	19207	7348529

SCALE 1/1 UNIT WT SHEET 1 OF 2

DWG. NO. 7348529 SH 1 F P