

RATIONALE

FIGURE REDRAWN TO REVISE THREAD SPEC AND DELETE DUAL DIMENSIONING, CADMIUM PLATE WARNING NOTE ADDED, TABLE REDRAWN TO REMOVE DUAL DIMENSIONING, SPECS UPDATED WHERE REQUIRED. MANUFACTURING SPEC CORRECTED.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9958, NOTICE 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPLS HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

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AS9958™

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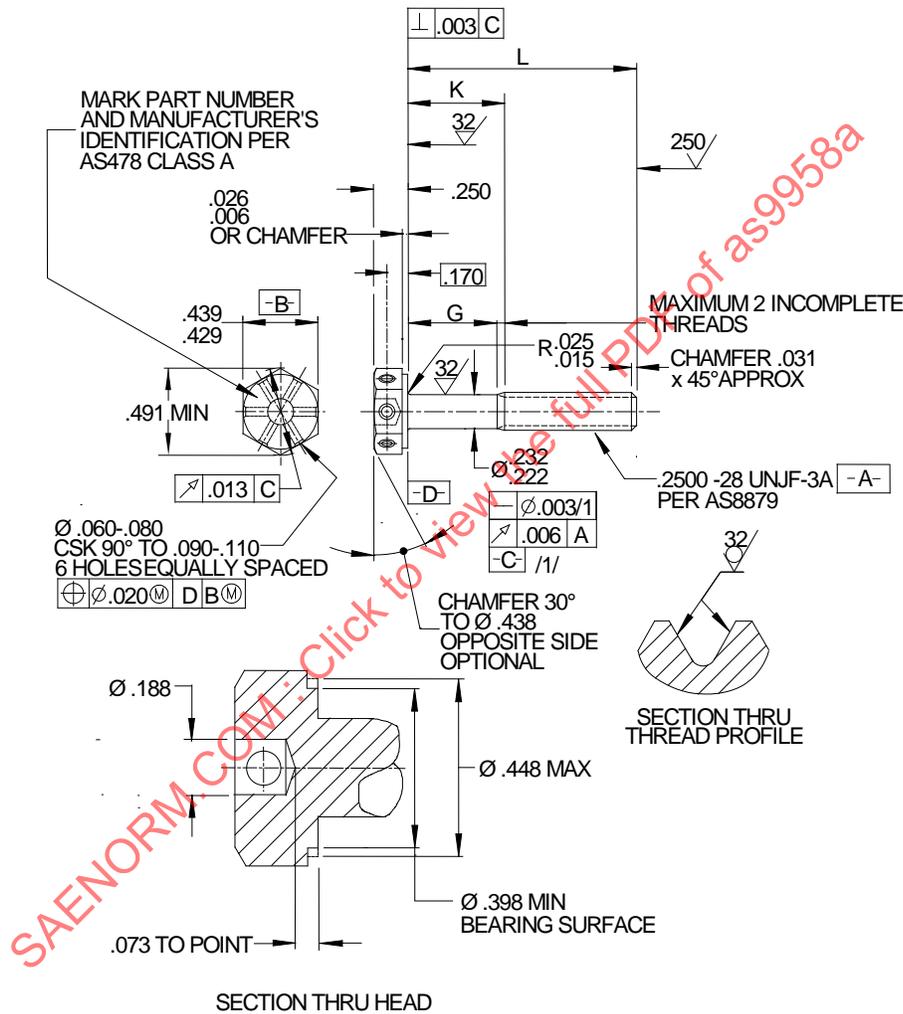
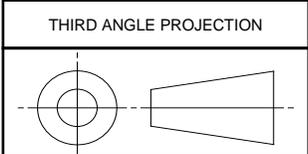


FIGURE 1

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452



**AEROSPACE STANDARD**

(R) BOLT, MACHINE, HEXAGON HEAD, DRILLED, 6 HOLE, PD SHANK, STEEL AMS6322, CADMIUM PLATED, .250-28 UNJF-3A

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SHEET 1 OF 3

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TABLE 1

PART NUMBER	L	G MIN	K MAX	APPROX. MASS LB/100	PART NUMBER	L	G MIN	K MAX	APPROX. MASS LB/100
MS9958-04	.375	.025	.099	1.37	MS9958-34	2.500	1.619	1.750	3.80
MS9958-05	.438	.025	.099	1.44	MS9958-35	2.625	1.744	1.875	3.95
MS9958-06	.500	.025	.099	1.51	MS9958-36	2.750	1.869	2.000	4.09
MS9958-07	.562	.025	.099	1.58	MS9958-37	2.875	1.994	2.125	4.23
MS9958-08	.625	.025	.099	1.65	MS9958-38	3.000	2.119	2.250	4.38
MS9958-09	.688	.025	.099	1.72	MS9958-39	3.125	2.244	2.375	4.52
MS9958-10	.750	.025	.099	1.80	MS9958-40	3.250	2.369	2.500	4.66
MS9958-11	.812	.025	.099	1.87	MS9958-41	3.375	2.494	2.625	4.81
MS9958-12	.875	.025	.125	1.94	MS9958-42	3.500	2.619	2.750	4.95
MS9958-13	.938	.057	.188	2.01	MS9958-43	3.625	2.744	2.875	5.09
MS9958-14	1.000	.119	.250	2.08	MS9958-44	3.750	2.889	3.000	5.24
MS9958-15	1.062	.161	.312	2.15	MS9958-45	3.875	2.994	3.125	5.38
MS9958-16	1.125	.244	.375	2.23	MS9958-46	4.000	3.119	3.250	5.52
MS9958-17	1.188	.307	.438	2.30	MS9958-47	4.125	3.244	3.375	5.67
MS9958-18	1.250	.369	.500	2.37	MS9958-48	4.250	3.369	3.500	5.81
MS9958-19	1.312	.431	.562	2.44	MS9958-49	4.375	3.494	3.625	5.95
MS9958-20	1.375	.494	.625	2.51	MS9958-50	4.500	3.619	3.750	6.10
MS9958-21	1.438	.557	.688	2.58	MS9958-51	4.625	3.744	3.875	6.24
MS9958-22	1.500	.619	.750	2.66	MS9958-52	4.750	3.869	4.000	6.38
MS9958-23	1.562	.681	.812	2.73	MS9958-53	4.875	3.994	4.125	6.53
MS9958-24	1.625	.744	.875	2.80	MS9958-54	5.000	4.119	4.250	6.67
MS9958-25	1.688	.807	.938	2.87	MS9958-55	5.125	4.244	4.375	6.82
MS9958-26	1.750	.869	1.000	2.94	MS9958-56	5.250	4.369	4.500	6.96
MS9958-27	1.812	.931	1.062	3.01	MS9958-57	5.375	4.494	4.625	7.10
MS9958-28	1.875	.994	1.125	3.09	MS9958-58	5.500	4.619	4.750	7.25
MS9958-29	1.938	1.057	1.188	3.16	MS9958-59	5.625	4.744	4.875	7.39
MS9958-30	2.000	1.119	1.250	3.23	MS9958-60	5.750	4.869	5.000	7.53
MS9958-31	2.125	1.244	1.375	3.37	MS9958-61	5.875	4.994	5.125	7.68
MS9958-32	2.250	1.369	1.500	3.52	MS9958-62	6.000	5.119	5.250	7.82
MS9958-33	2.375	1.494	1.625	3.66					

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

- FOR PART NUMBERS MS9958-04 THRU MS9958-18 THE THREAD PD SHALL REPLACE DATUM C.
- MATERIAL: STEEL AMS6322.
- FINISH: CADMIUM PLATE AMS2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
- MANUFACTURING SPECIFICATION: AS7452, EXCEPT HEAD SHALL BE UPSET.
- HEAD TO SHANK FILLET SHALL BE COLD WORKED.
- MAGNETIC PARTICLE INSPECTION PER ASTM E1444 AFTER PLATING.
- DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra. EXCEPT UPSET HEAD.
- BREAK SHARP EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.

	<b>AEROSPACE STANDARD</b>	<b>AS9958™</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
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