

REV.
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AS9520

FEDERAL SUPPLY CLASS
5306

RATIONALE

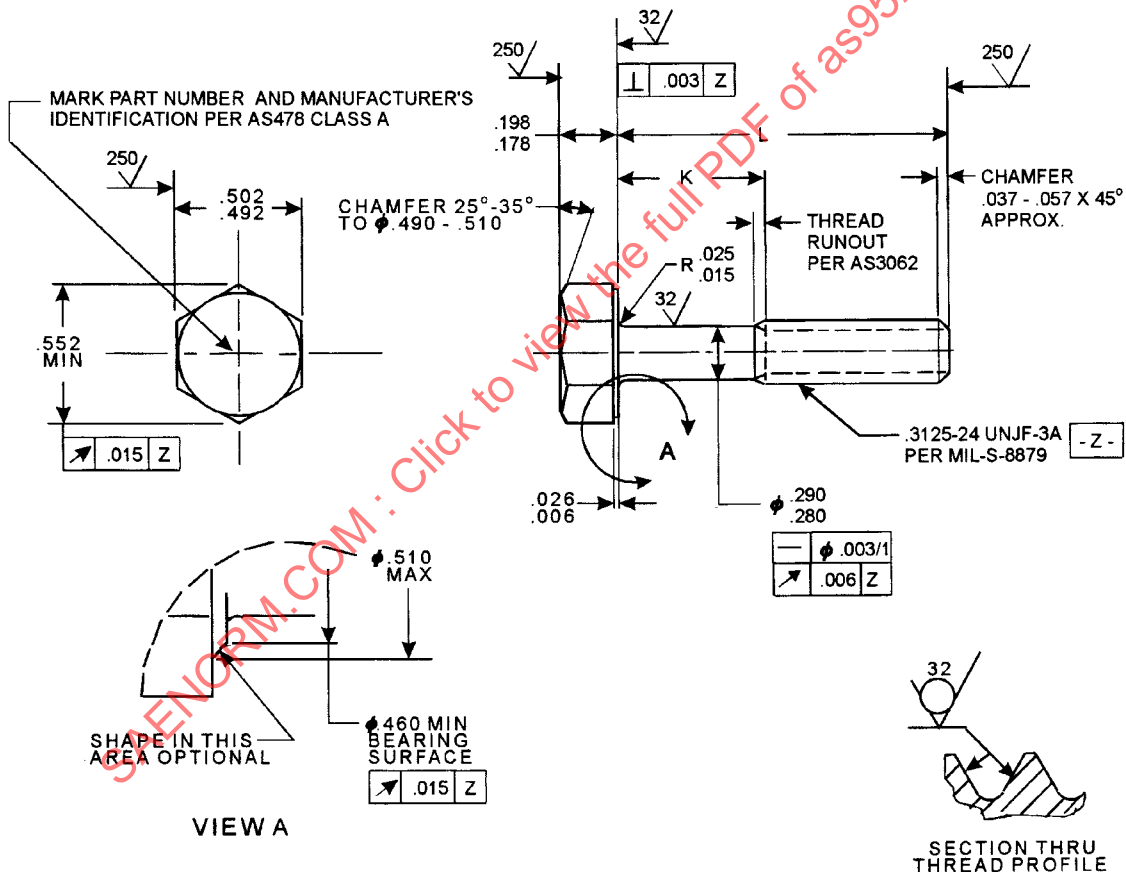
THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9520A. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

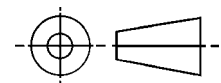
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WARNING

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.



THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

SAE Aerospace
An SAE International Group

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AEROSPACE STANDARD

BOLT, MACHINE - STEEL, CADMIUM PLATED,
HEXAGON HEAD, UNS G87400, 125 KSI MIN,
.3125-24 UNJF-3A

AS9520
SHEET 1 OF 3**REV.**
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AS9520

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9520-04	.490 - .510	.088 - .108	2.05	MS9520-34	2.990 - 3.010	2.065 - 2.125	6.55
MS9520-05	.552 - .572	.088 - .108	2.16	MS9520-35	3.115 - 3.135	2.190 - 2.250	6.78
MS9520-06	.615 - .635	.088 - .108	2.27	MS9520-36	3.240 - 3.260	2.315 - 2.375	7.01
MS9520-07	.678 - .698	.088 - .108	2.38	MS9520-37	3.365 - 3.385	2.440 - 2.500	7.23
MS9520-08	.740 - .760	.088 - .108	2.49	MS9520-38	3.490 - 3.510	2.565 - 2.625	7.46
MS9520-09	.802 - .822	.088 - .108	2.60	MS9520-39	3.615 - 3.635	2.690 - 2.750	7.68
MS9520-10	.865 - .885	.088 - .108	2.72	MS9520-40	3.740 - 3.760	2.815 - 2.875	7.91
MS9520-11	.928 - .948	.088 - .108	2.83	MS9520-41	3.865 - 3.885	2.940 - 3.000	8.13
MS9520-12	.990 - 1.010	.088 - .125	2.94	MS9520-42	3.990 - 4.010	3.065 - 3.125	8.36
MS9520-13	1.052 - 1.072	.128 - .188	3.06	MS9520-43	4.115 - 4.135	3.190 - 3.250	8.59
MS9520-14	1.115 - 1.135	.190 - .250	3.17	MS9520-44	4.240 - 4.260	3.315 - 3.375	8.81
MS9520-15	1.178 - 1.198	.253 - .313	3.28	MS9520-45	4.365 - 4.385	3.440 - 3.500	9.04
MS9520-16	1.240 - 1.260	.315 - .375	3.39	MS9520-46	4.490 - 4.510	3.565 - 3.625	9.26
MS9520-17	1.302 - 1.322	.378 - .438	3.51	MS9520-47	4.615 - 4.635	3.690 - 3.750	9.49
MS9520-18	1.365 - 1.385	.440 - .500	3.62	MS9520-48	4.740 - 4.760	3.815 - 3.875	9.71
MS9520-19	1.428 - 1.448	.502 - .562	3.73	MS9520-49	4.865 - 4.885	3.940 - 4.000	9.94
MS9520-20	1.490 - 1.510	.565 - .625	3.85	MS9520-50	4.990 - 5.010	4.065 - 4.125	10.17
MS9520-21	1.552 - 1.572	.628 - .688	3.96	MS9520-51	5.115 - 5.135	4.190 - 4.250	10.39
MS9520-22	1.615 - 1.635	.690 - .750	4.07	MS9520-52	5.240 - 5.260	4.315 - 4.375	10.62
MS9520-23	1.678 - 1.698	.752 - .812	4.18	MS9520-53	5.365 - 5.385	4.440 - 4.500	10.84
MS9520-24	1.740 - 1.760	.815 - .875	4.30	MS9520-54	5.490 - 5.510	4.565 - 4.625	11.07
MS9520-25	1.865 - 1.885	.940 - 1.000	4.52	MS9520-55	5.615 - 5.635	4.690 - 4.750	11.29
MS9520-26	1.990 - 2.010	1.065 - 1.125	4.75	MS9520-56	5.740 - 5.760	4.815 - 4.875	11.52
MS9520-27	2.115 - 2.135	1.190 - 1.250	4.97	MS9520-57	5.865 - 5.885	4.940 - 5.000	11.74
MS9520-28	2.240 - 2.260	1.315 - 1.375	5.20	MS9520-58	5.990 - 6.010	5.065 - 5.125	11.97
MS9520-29	2.365 - 2.385	1.440 - 1.500	5.43				
MS9520-30	2.490 - 2.510	1.565 - 1.625	5.65				
MS9520-31	2.615 - 2.635	1.690 - 1.750	5.88				
MS9520-32	2.740 - 2.760	1.815 - 1.875	6.10				
MS9520-33	2.865 - 2.885	1.940 - 2.000	6.33				