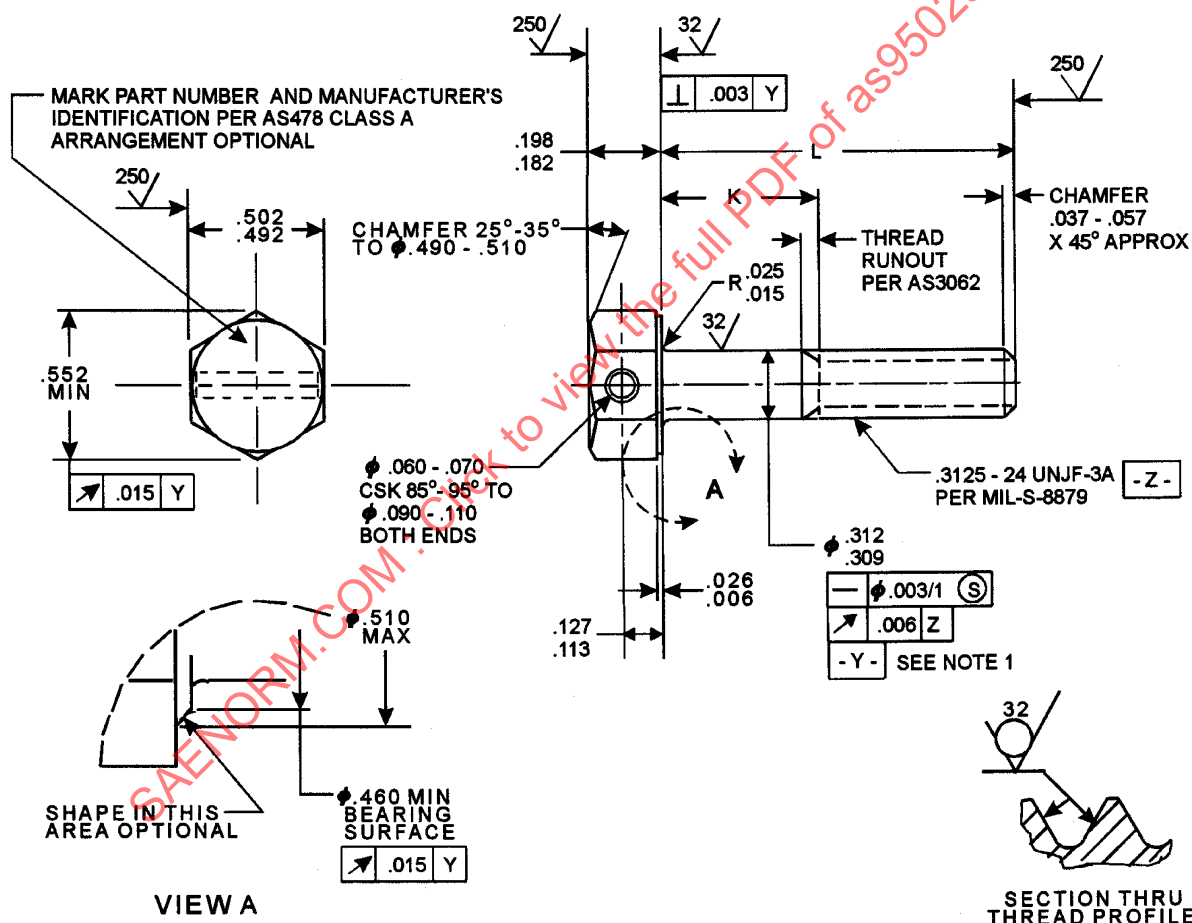


RATIONALE

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 MS9502A, AMENDMENT 1, NOTICE 1. THIS SAE STANDARD RETAINS 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 QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.



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

SAE Aerospace
An SAE International Group

(R)

AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD,
DRILLED, 1 HOLE, FULL SHANK,
CRES, UNS S66286, 130 KSI MIN,
.3125-24 UNJF-3A

AS9502
SHEET 1 OF 3

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AS9502

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9502-04	.490 - .510	.088 - .108	2.15	MS9502-34	2.990 - 3.010	2.065 - 2.125	7.57
MS9502-05	.552 - .572	.088 - .108	2.29	MS9502-35	3.115 - 3.135	2.190 - 2.250	7.80
MS9502-06	.615 - .635	.088 - .108	2.42	MS9502-36	3.240 - 3.260	2.315 - 2.375	8.11
MS9502-07	.678 - .698	.088 - .108	2.56	MS9502-37	3.365 - 3.385	2.440 - 2.500	8.38
MS9502-08	.740 - .760	.088 - .108	2.70	MS9502-38	3.490 - 3.510	2.565 - 2.625	8.65
MS9502-09	.802 - .822	.088 - .108	2.83	MS9502-39	3.615 - 3.635	2.690 - 2.750	8.92
MS9502-10	.865 - .885	.088 - .108	2.97	MS9502-40	3.740 - 3.760	2.815 - 2.875	9.19
MS9502-11	.928 - .948	.088 - .108	3.10	MS9502-41	3.865 - 3.885	2.940 - 3.000	9.46
MS9502-12	.990 - 1.010	.088 - .125	3.24	MS9502-42	3.990 - 4.010	3.065 - 3.125	9.73
MS9502-13	1.052 - 1.072	.128 - .188	3.37	MS9502-43	4.115 - 4.135	3.190 - 3.250	10.00
MS9502-14	1.115 - 1.135	.190 - .250	3.51	MS9502-44	4.240 - 4.260	3.315 - 3.375	10.27
MS9502-15	1.178 - 1.198	.252 - .312	3.64	MS9502-45	4.365 - 4.385	3.440 - 3.500	10.54
MS9502-16	1.240 - 1.260	.315 - .375	3.78	MS9502-46	4.490 - 4.510	3.565 - 3.625	10.81
MS9502-17	1.302 - 1.322	.378 - .438	3.91	MS9502-47	4.615 - 4.635	3.690 - 3.750	11.08
MS9502-18	1.365 - 1.385	.440 - .500	4.05	MS9502-48	4.740 - 4.760	3.815 - 3.875	11.36
MS9502-19	1.428 - 1.448	.502 - .562	4.18	MS9502-49	4.865 - 4.885	3.940 - 4.000	11.63
MS9502-20	1.490 - 1.510	.565 - .625	4.32	MS9502-50	4.990 - 5.010	4.065 - 4.125	11.90
MS9502-21	1.552 - 1.572	.628 - .688	4.45	MS9502-51	5.115 - 5.135	4.190 - 4.250	12.17
MS9502-22	1.615 - 1.635	.690 - .750	4.59	MS9502-52	5.240 - 5.260	4.315 - 4.375	12.44
MS9502-23	1.678 - 1.698	.752 - .812	4.73	MS9502-53	5.365 - 5.385	4.440 - 4.500	12.71
MS9502-24	1.740 - 1.760	.815 - .875	4.86	MS9502-54	5.490 - 5.510	4.565 - 4.625	12.98
MS9502-25	1.865 - 1.885	.940 - 1.000	5.13	MS9502-55	5.615 - 5.635	4.690 - 4.750	13.25
MS9502-26	1.990 - 2.010	1.065 - 1.125	5.40	MS9502-56	5.740 - 5.760	4.815 - 4.875	13.52
MS9502-27	2.115 - 2.135	1.190 - 1.250	5.67	MS9502-57	5.865 - 5.885	4.940 - 5.000	13.78
MS9502-28	2.240 - 2.260	1.315 - 1.375	5.94	MS9502-58	5.990 - 6.010	5.065 - 5.125	14.06
MS9502-29	2.365 - 2.385	1.440 - 1.500	6.21	MS9502-59	1.802 - 1.822	.878 - .938	5.00
MS9502-30	2.490 - 2.510	1.565 - 1.625	6.48	MS9502-60	1.928 - 1.948	1.002 - 1.062	5.27
MS9502-31	2.615 - 2.635	1.690 - 1.750	6.75				
MS9502-32	2.740 - 2.760	1.815 - 1.875	7.03				
MS9502-33	2.865 - 2.885	1.940 - 2.000	7.30				