

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.

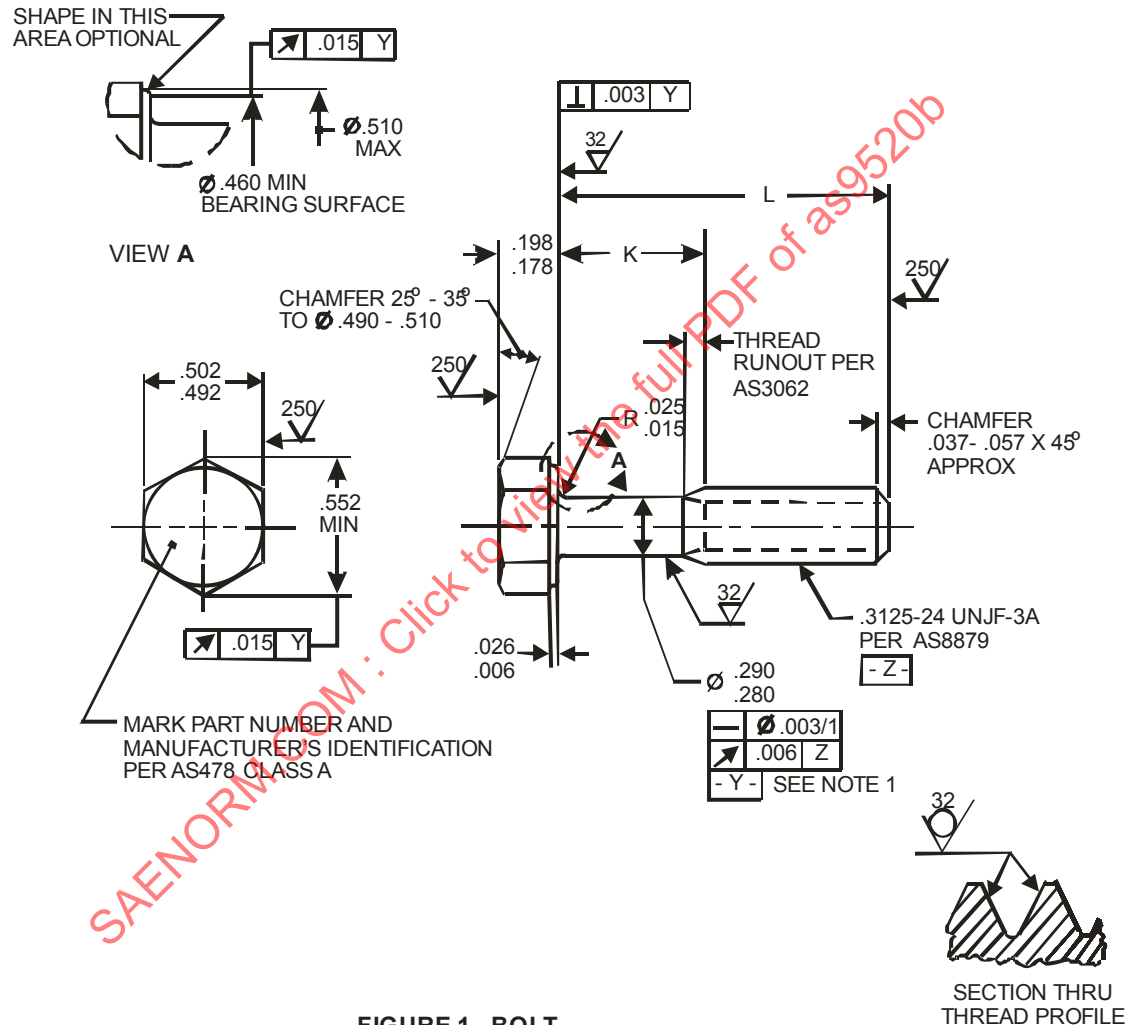
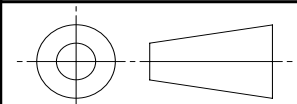


FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25



AEROSPACE STANDARD

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

AS9520
SHEET 1 OF 3

REV.
B

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	MS9520-33	2.865-2.885	1.940-2.000	6.33
MS9520-05	.552- .572	.088- .108	2.16	MS9520-34	2.990-3.010	2.065-2.125	6.55
MS9520-06	.615- .635	.088- .108	2.27	MS9520-35	3.115-3.135	2.190-2.250	6.78
MS9520-07	.678- .698	.088- .108	2.38	MS9520-36	3.240-3.260	2.315-2.375	7.01
MS9520-08	.740- .760	.088- .108	2.49	MS9520-37	3.365-3.385	2.440-2.500	7.23
MS9520-09	.802- .822	.088- .108	2.60	MS9520-38	3.490-3.510	2.565-2.625	7.46
MS9520-10	.865- .885	.088- .108	2.72	MS9520-39	3.615-3.635	2.690-2.750	7.68
MS9520-11	.928- .948	.088- .108	2.83	MS9520-40	3.740-3.760	2.815-2.875	7.91
MS9520-12	.990-1.010	.088- .125	2.94	MS9520-41	3.865-3.885	2.940-3.000	8.13
MS9520-13	1.052-1.072	.128- .188	3.06	MS9520-42	3.990-4.010	3.065-3.125	8.36
MS9520-14	1.115-1.135	.190- .250	3.17	MS9520-43	4.115-4.135	3.190-3.250	8.59
MS9520-15	1.178-1.198	.253- .313	3.28	MS9520-44	4.240-4.260	3.315-3.375	8.81
MS9520-16	1.240-1.260	.315- .375	3.39	MS9520-45	4.365-4.385	3.440-3.500	9.04
MS9520-17	1.302-1.322	.378- .438	3.51	MS9520-46	4.490-4.510	3.565-3.625	9.26
MS9520-18	1.365-1.385	.440- .500	3.62	MS9520-47	4.615-4.635	3.690-3.750	9.49
MS9520-19	1.428-1.448	.502- .562	3.73	MS9520-48	4.740-4.760	3.815-3.875	9.71
MS9520-20	1.490-1.510	.565- .625	3.85	MS9520-49	4.865-4.885	3.940-4.000	9.94
MS9520-21	1.552-1.572	.628- .688	3.96	MS9520-50	4.990-5.010	4.065-4.125	10.17
MS9520-22	1.615-1.635	.690- .750	4.07	MS9520-51	5.115-5.135	4.190-4.250	10.39
MS9520-23	1.678-1.698	.752- .812	4.18	MS9520-52	5.240-5.260	4.315-4.375	10.62
MS9520-24	1.740-1.760	.815- .875	4.30	MS9520-53	5.365-5.385	4.440-4.500	10.84
MS9520-25	1.865-1.885	.940-1.000	4.52	MS9520-54	5.490-5.510	4.565-4.625	11.07
MS9520-26	1.990-2.010	1.065-1.125	4.75	MS9520-55	5.615-5.635	4.690-4.750	11.29
MS9520-27	2.115-2.135	1.190-1.250	4.97	MS9520-56	5.740-5.760	4.815-4.875	11.52
MS9520-28	2.240-2.260	1.315-1.375	5.20	MS9520-57	5.865-5.885	4.940-5.000	11.74
MS9520-29	2.365-2.385	1.440-1.500	5.43	MS9520-58	5.990-6.010	5.065-5.125	11.97
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				

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 MS9520-04 THRU MS9520-19 THE THREAD PD (DATUM "Z") SHALL REPLACE DATUM "Y".
- MATERIAL: LOW ALLOY STEEL AMS 6322 (UNS G87400).
- PROCUREMENT SPECIFICATION: AS7452.
- HEAD TO SHANK FILLET RADIUS: FOR PART NUMBERS MS9520-15 AND LARGER, THE HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.

 <i>An SAE International Group</i>	AEROSPACE STANDARD		AS9520 SHEET 2 OF 3	REV. B
	BOLT, MACHINE - STEEL, CADMIUM PLATED, HEXAGON HEAD, UNS G87400, 125 KSI MIN, 3125-24 UNJF-3A			