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AS9678

RATIONALE

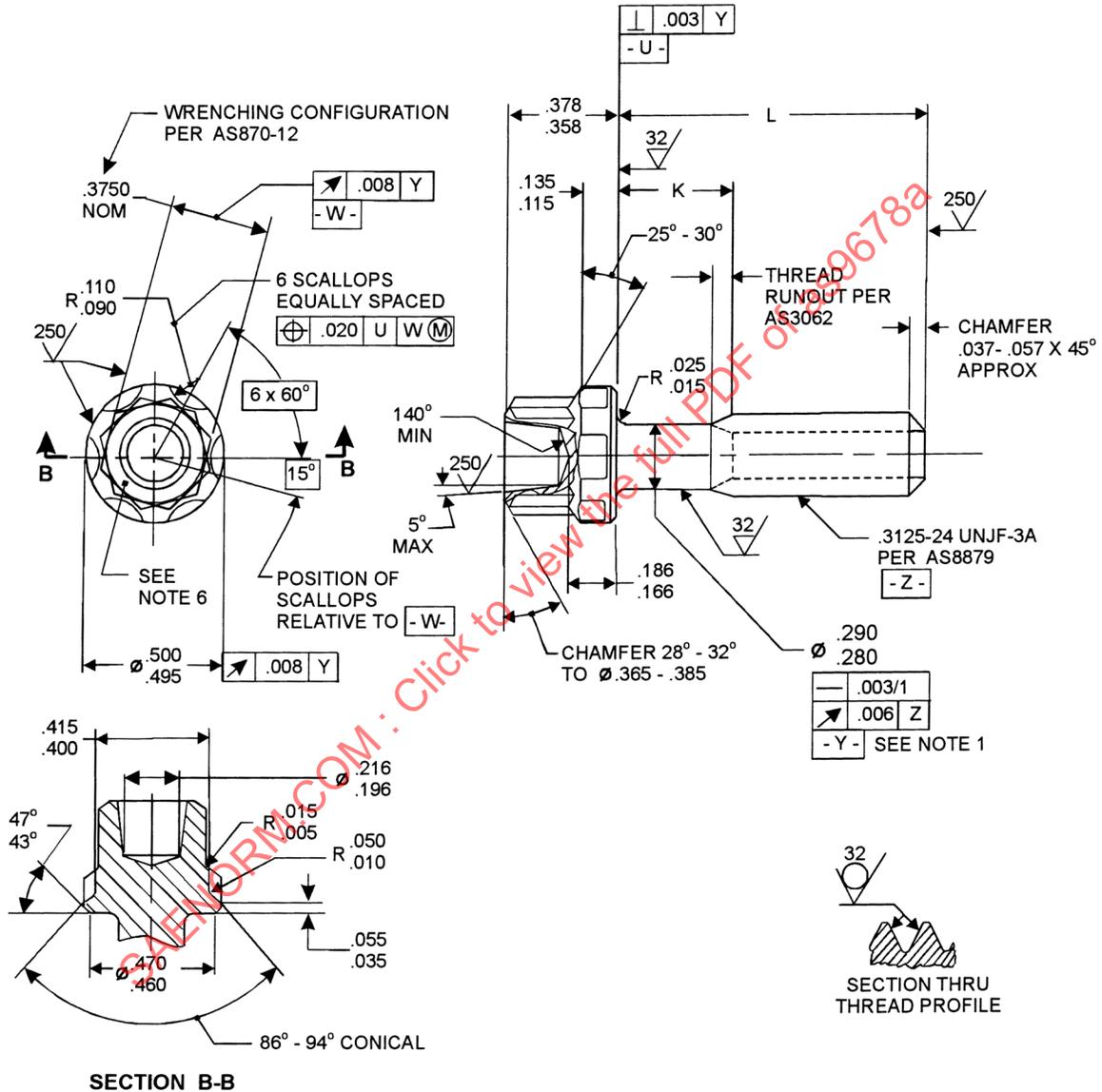
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THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9678B, AMENDMENT 1, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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CUSTODIAN: SAE E-25

SAE Aerospace
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AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, CUP WASHER LOCKED, CRES, UNS S66286, 130 KSI MIN, .3125-24 UNJF-3A

AS9678
SHEET 1 OF 3

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ISSUED 2000-08 REVISED 2003-09 REAFFIRMED 2007-06

TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9678-03	.428 - .448	.088 - .108	1.94	MS9678-32	2.740 - 2.760	1.815 - 1.875	6.16
MS9678-04	.490 - .510	.088 - .108	2.05	MS9678-33	2.865 - 2.885	1.940 - 2.000	6.40
MS9678-05	.562 - .572	.088 - .108	2.16	MS9678-34	2.990 - 3.010	2.065 - 2.125	6.62
MS9678-06	.615 - .635	.088 - .108	2.27	MS9678-35	3.115 - 3.135	2.190 - 2.250	6.84
MS9678-07	.678 - .698	.088 - .108	2.39	MS9678-36	3.240 - 3.260	2.315 - 2.375	7.07
MS9678-08	.740 - .760	.088 - .108	2.51	MS9678-37	3.365 - 3.385	2.440 - 2.500	7.32
MS9678-09	.802 - .822	.088 - .108	2.62	MS9678-38	3.490 - 3.510	2.565 - 2.625	7.55
MS9678-10	.865 - .885	.088 - .108	2.73	MS9678-39	3.615 - 3.635	2.690 - 2.750	7.78
MS9678-11	.928 - .948	.088 - .108	2.85	MS9678-40	3.740 - 3.760	2.815 - 2.875	8.00
MS9678-12	.990 - 1.010	.088 - .125	2.96	MS9678-41	3.865 - 3.885	2.940 - 3.000	8.22
MS9678-13	1.052 - 1.072	.128 - .188	3.07	MS9678-42	3.990 - 4.010	3.065 - 3.125	8.45
MS9678-14	1.115 - 1.135	.190 - .250	3.19	MS9678-43	4.115 - 4.135	3.190 - 3.250	8.68
MS9678-15	1.178 - 1.198	.252 - .312	3.30	MS9678-44	4.240 - 4.260	3.315 - 3.375	8.91
MS9678-16	1.240 - 1.260	.315 - .375	3.42	MS9678-45	4.365 - 4.385	3.440 - 3.500	9.13
MS9678-17	1.302 - 1.322	.378 - .438	3.53	MS9678-46	4.490 - 4.510	3.565 - 3.625	9.35
MS9678-18	1.365 - 1.385	.440 - .500	3.65	MS9678-47	4.615 - 4.635	3.690 - 3.750	9.57
MS9678-19	1.428 - 1.448	.502 - .562	3.76	MS9678-48	4.740 - 4.760	3.815 - 3.875	9.79
MS9678-20	1.490 - 1.510	.565 - .625	3.88	MS9678-49	4.865 - 4.885	3.940 - 4.000	10.00
MS9678-21	1.552 - 1.572	.628 - .688	3.99	MS9678-50	4.990 - 5.010	4.065 - 4.125	10.22
MS9678-22	1.615 - 1.635	.690 - .750	4.11	MS9678-51	5.115 - 5.135	4.190 - 4.250	10.45
MS9678-23	1.678 - 1.698	.752 - .812	4.23	MS9678-52	5.240 - 5.260	4.315 - 4.375	10.68
MS9678-24	1.740 - 1.760	.815 - .875	4.35	MS9678-53	5.365 - 5.385	4.440 - 4.500	10.91
MS9678-25	1.865 - 1.885	.940 - 1.000	4.57	MS9678-54	5.490 - 5.510	4.565 - 4.625	11.15
MS9678-26	1.990 - 2.010	1.065 - 1.125	4.79	MS9678-55	5.615 - 5.635	4.690 - 4.750	11.38
MS9678-27	2.115 - 2.135	1.190 - 1.250	5.02	MS9678-56	5.740 - 5.760	4.815 - 4.875	11.61
MS9678-28	2.240 - 2.260	1.315 - 1.375	5.26	MS9678-57	5.865 - 5.885	4.940 - 5.000	11.83
MS9678-29	2.365 - 2.385	1.440 - 1.500	5.48	MS9678-58	5.990 - 6.010	5.065 - 5.125	12.05
MS9678-30	2.490 - 2.510	1.565 - 1.625	5.70				
MS9678-31	2.615 - 2.635	1.690 - 1.750	5.93				