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REV. B

AS9681

FEDERAL SUPPLY CLASS
5306

RATIONALE

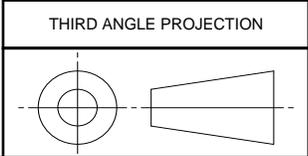
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CUSTODIAN: E-25

	AEROSPACE STANDARD		AS9681	REV. B
	BOLT, MACHINE - DOUBLE HEX, EXTENDED WASHER HD, PD SHANK, CUP WASHER LOCKED, CADMIUM PLATED, STEEL, UNS G87400, 125 KSI MIN, .2500-28 UNJF-3A			

ISSUED 2000-08 REVISED 2004-05 STABILIZED 2014-09

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	AEROSPACE STANDARD	AS9681 SHEET 1 OF 4	REV. B
	BOLT, MACHINE - DOUBLE HEX, EXTENDED WASHER HD, PD SHANK, CUP WASHER LOCKED, CADMIUM PLATED, STEEL, UNS G87400, 125 KSI MIN, .2500-28 UNJF-3A		

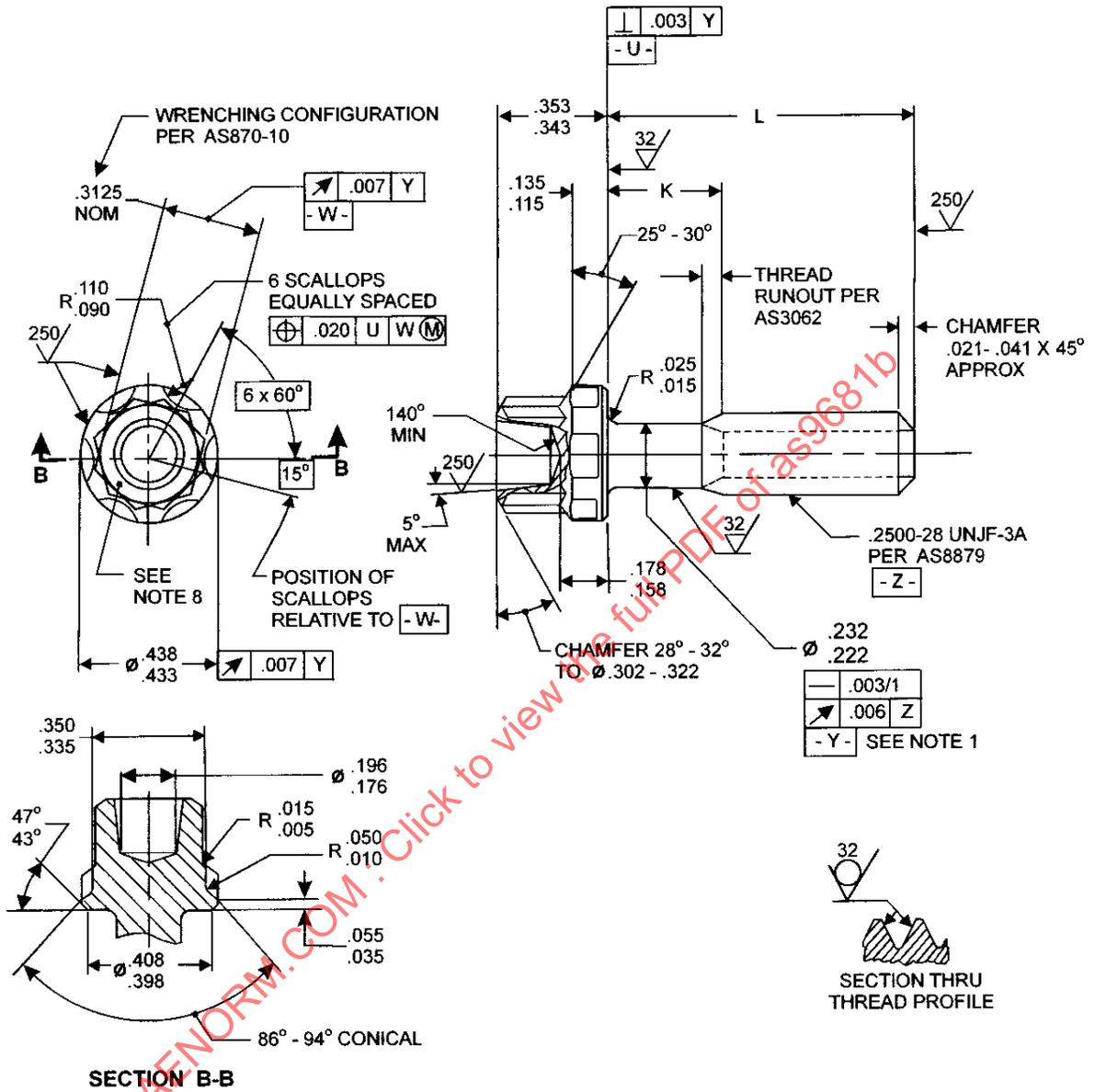


FIGURE 1 - BOLT

	AEROSPACE STANDARD	AS9681 SHEET 2 OF 4	REV. B
	BOLT, MACHINE - DOUBLE HEX, EXTENDED WASHER HD, PD SHANK, CUP WASHER LOCKED, CADMIUM PLATED, STEEL, UNS G87400, 125 KSI MIN, .2500-28 UNJF-3A		

TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9681-04	.365 - .385	.079 - .099	1.20	MS9681-34	2.740 - 2.760	1.940 - 2.000	3.91
MS9681-05	.428 - .448	.079 - .099	1.27	MS9681-35	2.865 - 2.885	2.065 - 2.125	4.06
MS9681-06	.490 - .510	.079 - .099	1.35	MS9681-36	2.990 - 3.010	2.190 - 2.250	4.20
MS9681-07	.552 - .572	.079 - .099	1.42	MS9681-37	3.115 - 3.135	2.315 - 2.375	4.35
MS9681-08	.615 - .635	.079 - .099	1.50	MS9681-38	3.240 - 3.260	2.440 - 2.500	4.49
MS9681-09	.678 - .698	.079 - .099	1.57	MS9681-39	3.365 - 3.385	2.565 - 2.625	4.64
MS9681-10	.740 - .760	.079 - .099	1.64	MS9681-40	3.490 - 3.510	2.690 - 2.750	4.78
MS9681-11	.802 - .822	.079 - .099	1.71	MS9681-41	3.615 - 3.635	2.815 - 2.875	4.91
MS9681-12	.865 - .885	.079 - .125	1.78	MS9681-42	3.740 - 3.760	2.940 - 3.000	5.05
MS9681-13	.928 - .948	.128 - .188	1.85	MS9681-43	3.865 - 3.885	3.065 - 3.125	5.19
MS9681-14	.990 - 1.010	.190 - .250	1.92	MS9681-44	3.990 - 4.010	3.190 - 3.250	5.35
MS9681-15	1.052 - 1.072	.252 - .312	1.99	MS9681-45	4.115 - 4.135	3.315 - 3.375	5.48
MS9681-16	1.115 - 1.135	.315 - .375	2.06	MS9681-46	4.240 - 4.260	3.440 - 3.500	5.61
MS9681-17	1.178 - 1.198	.378 - .438	2.14	MS9681-47	4.365 - 4.385	3.565 - 3.625	5.75
MS9681-18	1.240 - 1.260	.440 - .500	2.21	MS9681-48	4.490 - 4.510	3.690 - 3.750	5.89
MS9681-19	1.302 - 1.322	.502 - .562	2.28	MS9681-49	4.615 - 4.635	3.815 - 3.875	6.03
MS9681-20	1.365 - 1.385	.565 - .625	2.35	MS9681-50	4.740 - 4.760	3.940 - 4.000	6.17
MS9681-21	1.428 - 1.448	.628 - .688	2.42	MS9681-51	4.865 - 4.885	4.065 - 4.125	6.31
MS9681-22	1.490 - 1.510	.690 - .750	2.49	MS9681-52	4.990 - 5.010	4.190 - 4.250	6.45
MS9681-23	1.552 - 1.572	.752 - .812	2.56	MS9681-53	5.115 - 5.135	4.315 - 4.375	6.59
MS9681-24	1.615 - 1.635	.815 - .875	2.63	MS9681-54	5.240 - 5.260	4.440 - 4.500	6.73
MS9681-25	1.678 - 1.698	.878 - .938	2.70	MS9681-55	5.365 - 5.385	4.565 - 4.625	6.87
MS9681-26	1.740 - 1.760	.940 - 1.000	2.78	MS9681-56	5.490 - 5.510	4.690 - 4.750	7.01
MS9681-27	1.865 - 1.885	1.065 - 1.125	2.92	MS9681-57	5.615 - 5.635	4.815 - 4.875	7.15
MS9681-28	1.990 - 2.010	1.190 - 1.250	3.06	MS9681-58	5.740 - 5.760	4.940 - 5.000	7.29
MS9681-29	2.115 - 2.135	1.315 - 1.375	3.20	MS9681-59	5.865 - 5.885	5.065 - 5.125	7.43
MS9681-30	2.240 - 2.260	1.440 - 1.500	3.35	MS9681-60	5.990 - 6.010	5.190 - 5.250	7.68
MS9681-31	2.365 - 2.385	1.565 - 1.625	3.49				
MS9681-32	2.490 - 2.510	1.690 - 1.750	3.63				
MS9681-33	2.615 - 2.635	1.815 - 1.875	3.77				

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