

REV.
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AS9687

FEDERAL SUPPLY CLASS
5306

RATIONALE

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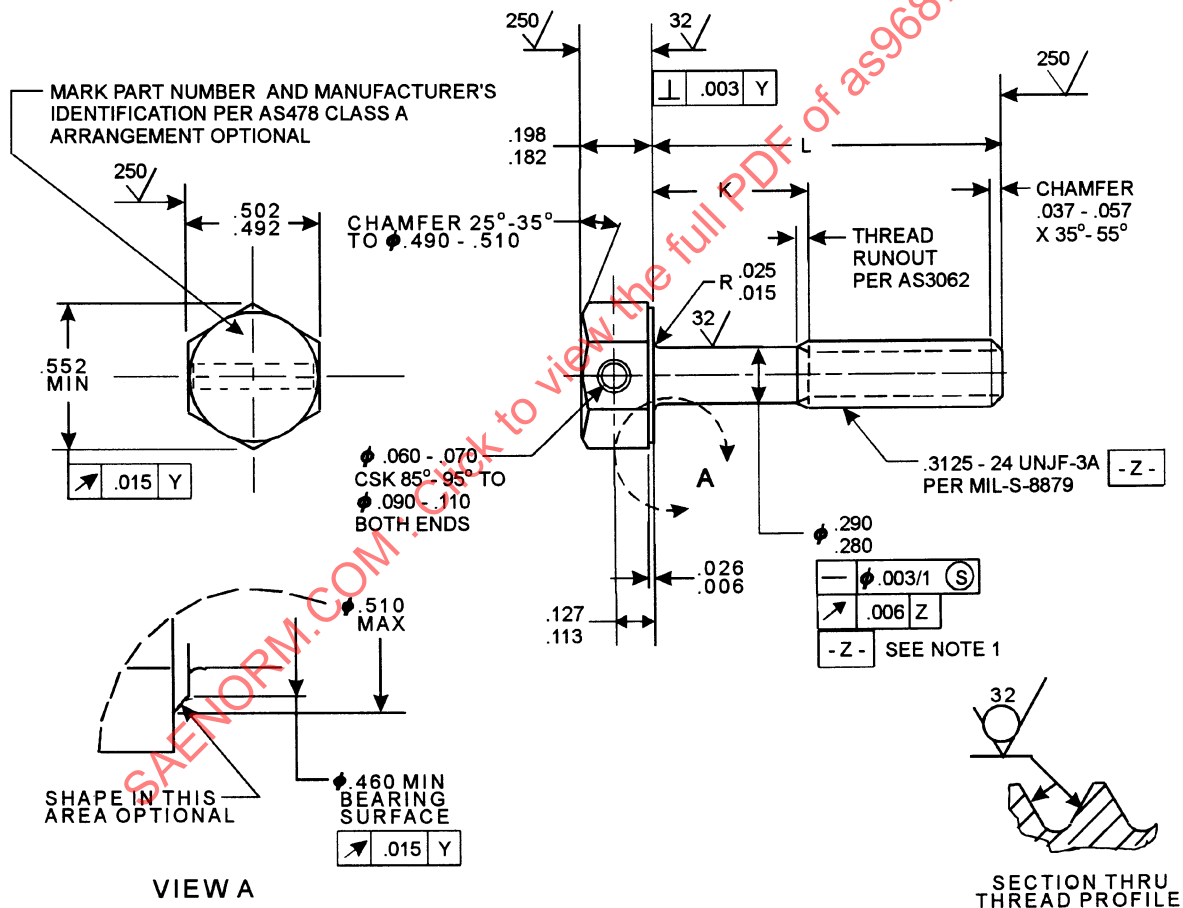
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PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE & PROPULSION SYSTEMS

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

(R) BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, STEEL, UNS K14675, DIFFUSED NICKEL-CADMIUM PLATE, 195 KSI MIN, .3125-24 UNJF-3A

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ISSUED 1998-08 REVISED 2003-06 REAFFIRMED 2007-06

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9687-04	.490 - .510	.088 - .108	2.12	MS9687-34	2.740 - 2.760	1.815 - 1.875	6.17
MS9687-05	.552 - .572	.088 - .108	2.23	MS9687-35	2.865 - 2.885	1.940 - 2.000	6.40
MS9687-06	.615 - .635	.088 - .108	2.34	MS9687-36	2.990 - 3.010	2.065 - 2.125	6.62
MS9687-07	.678 - .698	.088 - .108	2.45	MS9687-37	3.115 - 3.135	2.190 - 2.250	6.85
MS9687-08	.740 - .760	.088 - .108	2.56	MS9687-38	3.240 - 3.260	2.315 - 2.375	7.08
MS9687-09	.802 - .822	.088 - .108	2.67	MS9687-39	3.365 - 3.385	2.440 - 2.500	7.30
MS9687-10	.865 - .885	.088 - .108	2.79	MS9687-40	3.490 - 3.510	2.565 - 2.625	7.53
MS9687-11	.928 - .948	.088 - .108	2.90	MS9687-41	3.615 - 3.635	2.690 - 2.750	7.75
MS9687-12	.990 - 1.010	.088 - .125	3.01	MS9687-42	3.740 - 3.760	2.815 - 2.875	7.98
MS9687-13	1.052 - 1.072	.128 - .188	3.13	MS9687-43	3.865 - 3.885	2.940 - 3.000	8.20
MS9687-14	1.115 - 1.135	.190 - .250	3.24	MS9687-44	3.990 - 4.010	3.065 - 3.125	8.43
MS9687-15	1.178 - 1.198	.252 - .312	3.35	MS9687-45	4.115 - 4.135	3.190 - 3.250	8.66
MS9687-16	1.240 - 1.260	.315 - .375	3.46	MS9687-46	4.240 - 4.260	3.315 - 3.375	8.88
MS9687-17	1.302 - 1.322	.376 - .438	3.58	MS9687-47	4.365 - 4.385	3.440 - 3.500	9.11
MS9687-18	1.365 - 1.385	.440 - .500	3.69	MS9687-48	4.490 - 4.510	3.565 - 3.625	9.33
MS9687-19	1.428 - 1.448	.502 - .562	3.80	MS9687-49	4.615 - 4.635	3.690 - 3.750	9.56
MS9687-20	1.490 - 1.510	.565 - .625	3.92	MS9687-50	4.740 - 4.760	3.815 - 3.875	9.78
MS9687-21	1.552 - 1.572	.628 - .688	4.03	MS9687-51	4.865 - 4.885	3.940 - 4.000	10.01
MS9687-22	1.615 - 1.635	.690 - .750	4.14	MS9687-52	4.990 - 5.010	4.065 - 4.125	10.24
MS9687-23	1.678 - 1.698	.752 - .812	4.25	MS9687-53	5.115 - 5.135	4.190 - 4.250	10.46
MS9687-24	1.740 - 1.760	.815 - .875	4.37	MS9687-54	5.240 - 5.260	4.315 - 4.375	10.69
MS9687-25	1.802 - 1.822	.878 - .938	4.48	MS9687-55	5.365 - 5.385	4.440 - 4.500	10.91
MS9687-26	1.865 - 1.885	.940 - 1.000	4.59	MS9687-56	5.490 - 5.510	4.565 - 4.625	11.14
MS9687-27	1.928 - 1.948	1.002 - 1.062	4.71	MS9687-57	5.615 - 5.635	4.690 - 4.750	11.36
MS9687-28	1.990 - 2.010	1.065 - 1.125	4.82	MS9687-58	5.740 - 5.760	4.815 - 4.875	11.59
MS9687-29	2.115 - 2.135	1.190 - 1.250	5.04	MS9687-59	5.865 - 5.885	4.940 - 5.000	11.81
MS9687-30	2.240 - 2.260	1.315 - 1.375	5.27	MS9687-60	5.990 - 6.010	5.065 - 5.125	12.04
MS9687-31	2.365 - 2.385	1.440 - 1.500	5.50				
MS9687-32	2.490 - 2.510	1.565 - 1.625	5.72				
MS9687-33	2.615 - 2.635	1.690 - 1.750	5.95				

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