

REV. B

AS3255

FEDERAL SUPPLY CLASS
5306

RATIONALE

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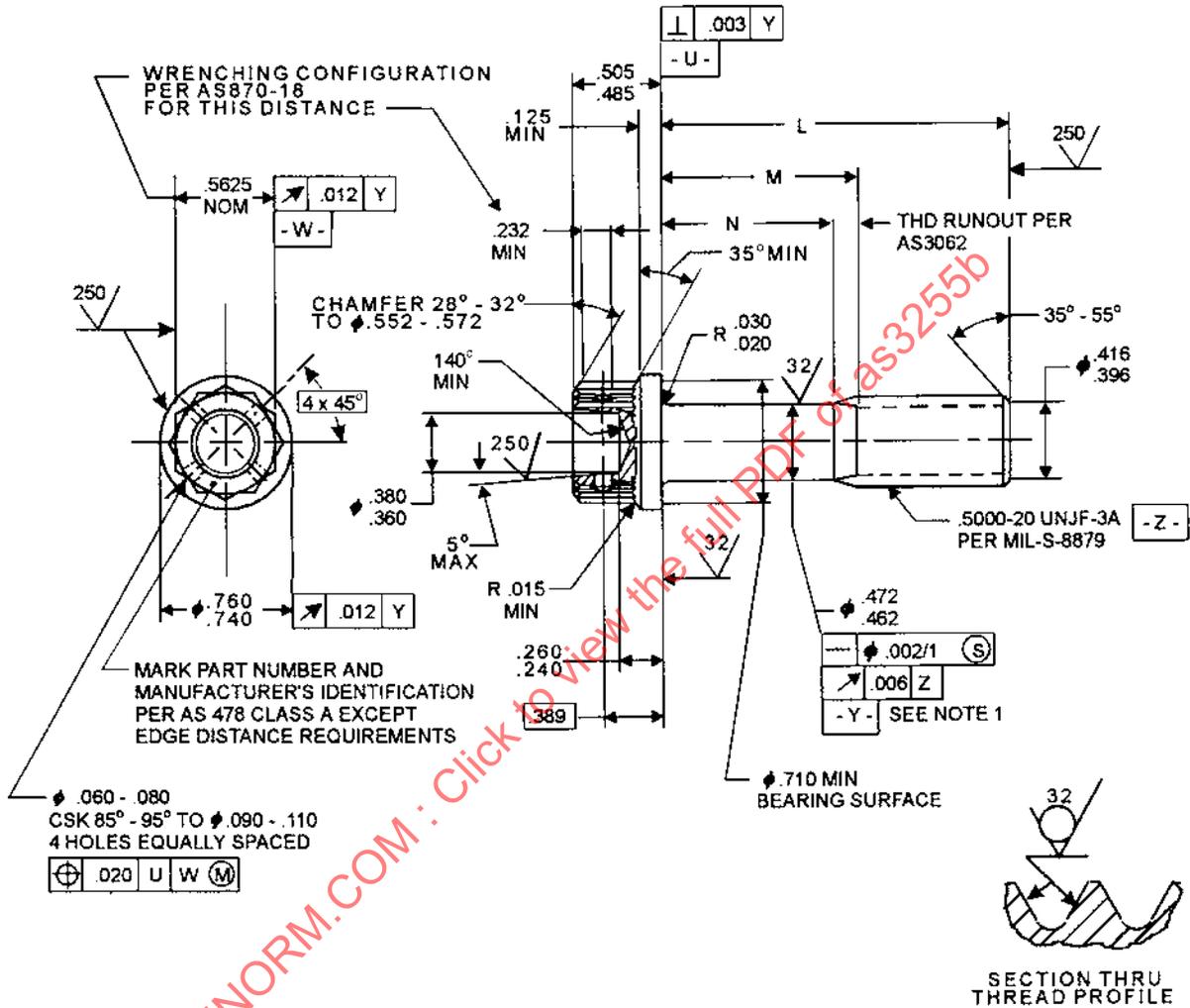
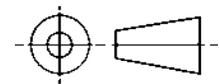


FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



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

SAE Aerospace
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AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, PD SHANK, SILVER PLATED,
CRES, UNS N07718, 185 KSI MIN, .5000-20 UNJF-3A

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ISSUED 1980-07 REVISED 2002-07 REAFFIRMED 2007-06

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100	PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100
AS3255-03	.740 - .760	.030	.125	7.33	AS3255-30	2.865 - 2.885	1.465	1.625	18.18
AS3255-04	.802 - .822	.030	.125	7.65	AS3255-31	2.990 - 3.010	1.590	1.750	18.81
AS3255-05	.865 - .885	.030	.125	7.97	AS3255-32	3.115 - 3.135	1.715	1.875	19.45
AS3255-06	.928 - .948	.030	.125	8.29	AS3255-33	3.240 - 3.260	1.840	2.000	20.09
AS3255-07	.990 - 1.010	.030	.125	8.61	AS3255-34	3.365 - 3.385	1.965	2.125	20.73
AS3255-08	1.052 - 1.072	.030	.125	8.93	AS3255-35	3.490 - 3.510	2.090	2.250	21.35
AS3255-09	1.115 - 1.135	.030	.125	9.25	AS3255-36	3.615 - 3.635	2.215	2.375	22.01
AS3255-10	1.178 - 1.198	.030	.125	9.56	AS3255-37	3.740 - 3.760	2.340	2.500	22.64
AS3255-11	1.240 - 1.260	.030	.125	9.88	AS3255-38	3.865 - 3.885	2.465	2.625	23.28
AS3255-12	1.302 - 1.322	.030	.125	10.20	AS3255-39	3.990 - 4.010	2.590	2.750	23.92
AS3255-13	1.365 - 1.385	.030	.125	10.53	AS3255-40	4.115 - 4.135	2.715	2.875	24.56
AS3255-14	1.428 - 1.448	.030	.188	10.84	AS3255-41	4.240 - 4.260	2.840	3.000	25.19
AS3255-15	1.490 - 1.510	.090	.250	11.16	AS3255-42	4.365 - 4.385	2.965	3.125	25.83
AS3255-16	1.552 - 1.572	.152	.312	11.48	AS3255-43	4.490 - 4.510	3.090	3.250	26.47
AS3255-17	1.615 - 1.635	.215	.375	11.80	AS3255-44	4.615 - 4.635	3.215	3.375	27.10
AS3255-18	1.678 - 1.698	.278	.438	12.11	AS3255-45	4.740 - 4.760	3.340	3.500	27.75
AS3255-19	1.740 - 1.760	.340	.500	12.44	AS3255-46	4.865 - 4.885	3.465	3.625	28.38
AS3255-20	1.802 - 1.822	.402	.562	12.77	AS3255-47	4.990 - 5.010	3.590	3.750	29.02
AS3255-21	1.865 - 1.885	.465	.625	13.07	AS3255-48	5.115 - 5.135	3.715	3.875	29.66
AS3255-22	1.928 - 1.948	.528	.688	13.39	AS3255-49	5.240 - 5.260	3.840	4.000	30.60
AS3255-23	1.990 - 2.010	.590	.750	13.71	AS3255-50	5.365 - 5.385	3.965	4.125	30.93
AS3255-24	2.115 - 2.135	.715	.875	14.35	AS3255-51	5.490 - 5.510	4.090	4.250	31.58
AS3255-25	2.240 - 2.260	.840	1.000	14.99	AS3255-52	5.615 - 5.635	4.215	4.375	32.22
AS3255-26	2.365 - 2.385	.965	1.125	15.62	AS3255-53	5.740 - 5.760	4.340	4.500	32.85
AS3255-27	2.490 - 2.510	1.090	1.250	16.27	AS3255-54	5.865 - 5.885	4.465	4.625	33.50
AS3255-28	2.615 - 2.635	1.215	1.375	16.90	AS3255-55	5.990 - 6.010	4.590	4.750	34.14
AS3255-29	2.740 - 2.760	1.340	1.500	17.54					

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