

REV. B

AS3249

FEDERAL SUPPLY CLASS 5306

RATIONALE

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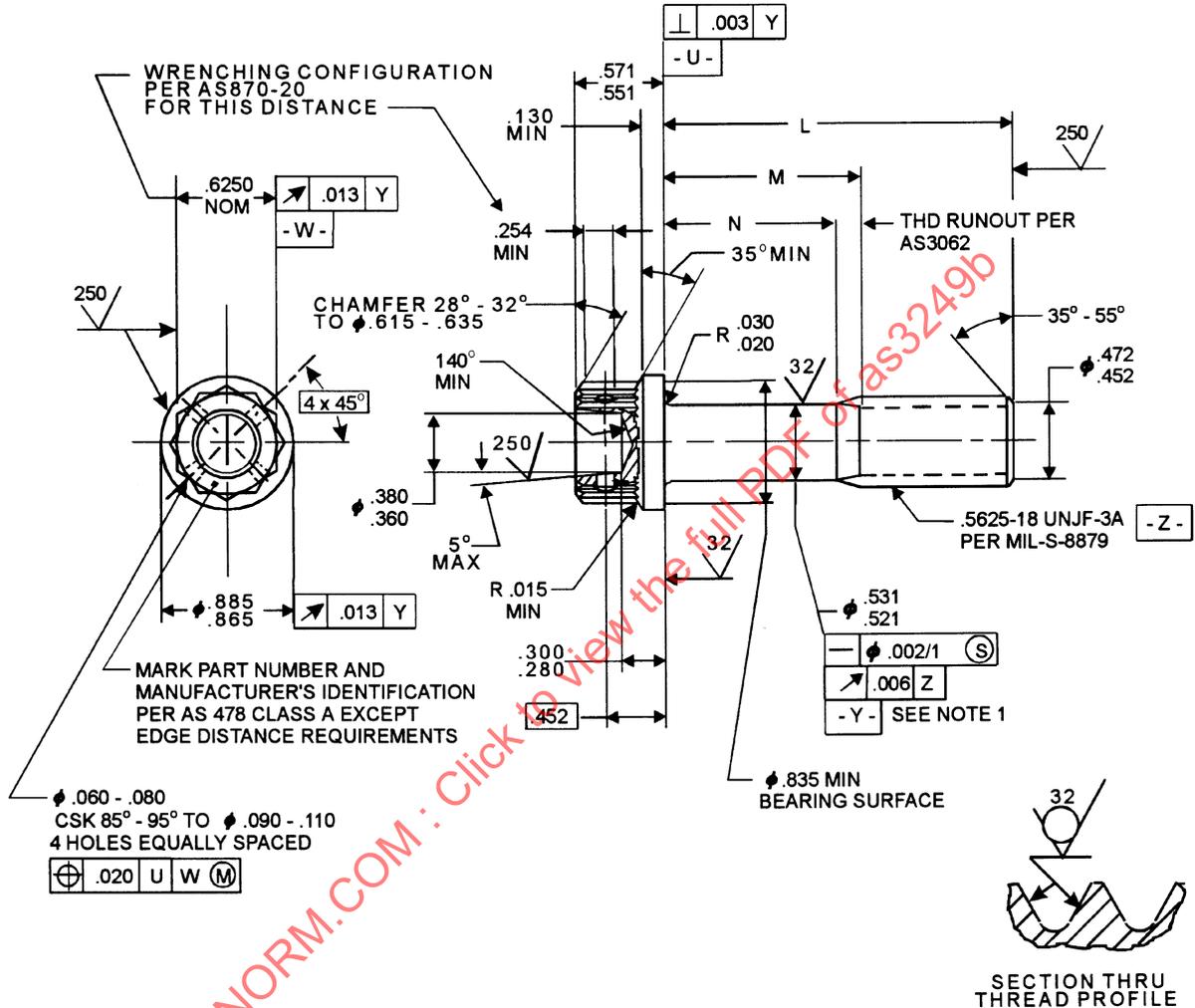
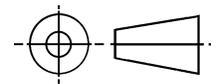


FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



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

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**  
(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED  
WASHER HEAD, DRILLED, PD SHANK, CRES,  
UNS N07718, 185 KSI MIN, .5625-18 UNJF-3A

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ISSUED 1980-07 REVISED 2002-06 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
AS3249-04	.865 - .885	.030	.133	11.03	AS3249-31	3.115 - 3.135	1.579	1.750	25.60
AS3249-05	.928 - .948	.030	.133	11.44	AS3249-32	3.240 - 3.260	1.704	1.875	26.41
AS3249-06	.990 - 1.010	.030	.133	11.84	AS3249-33	3.365 - 3.385	1.829	2.000	27.22
AS3249-07	1.052 - 1.072	.030	.133	12.25	AS3249-34	3.490 - 3.510	1.954	2.125	28.03
AS3249-08	1.115 - 1.135	.030	.133	12.65	AS3249-35	3.615 - 3.635	2.079	2.250	28.84
AS3249-09	1.178 - 1.198	.030	.133	13.06	AS3249-36	3.740 - 3.760	2.204	2.375	29.64
AS3249-10	1.240 - 1.260	.030	.133	13.46	AS3249-37	3.865 - 3.885	2.329	2.500	30.46
AS3249-11	1.302 - 1.322	.030	.133	13.87	AS3249-38	3.990 - 4.010	2.454	2.625	31.27
AS3249-12	1.365 - 1.385	.030	.133	14.27	AS3249-39	4.115 - 4.135	2.579	2.750	32.07
AS3249-13	1.428 - 1.448	.030	.133	14.68	AS3249-40	4.240 - 4.260	2.704	2.875	32.88
AS3249-14	1.490 - 1.510	.030	.133	15.08	AS3249-41	4.365 - 4.385	2.829	3.000	33.69
AS3249-15	1.552 - 1.572	.030	.188	15.49	AS3249-42	4.490 - 4.510	2.954	3.125	34.50
AS3249-16	1.615 - 1.635	.079	.250	15.89	AS3249-43	4.615 - 4.635	3.079	3.250	35.31
AS3249-17	1.678 - 1.698	.142	.312	16.30	AS3249-44	4.740 - 4.760	3.204	3.375	36.12
AS3249-18	1.740 - 1.760	.204	.375	16.70	AS3249-45	4.865 - 4.885	3.329	3.500	36.93
AS3249-19	1.802 - 1.822	.266	.438	17.11	AS3249-46	4.990 - 5.010	3.454	3.625	37.74
AS3249-20	1.865 - 1.885	.329	.500	17.51	AS3249-47	5.115 - 5.135	3.579	3.750	38.55
AS3249-21	1.928 - 1.948	.392	.562	17.92	AS3249-48	5.240 - 5.260	3.704	3.875	39.36
AS3249-22	1.990 - 2.010	.454	.625	18.32	AS3249-49	5.365 - 5.385	3.829	4.000	40.17
AS3249-23	2.115 - 2.135	.579	.750	19.13	AS3249-50	5.490 - 5.510	3.954	4.125	40.98
AS3249-24	2.240 - 2.260	.704	.875	19.94	AS3249-51	5.615 - 5.635	4.079	4.250	41.79
AS3249-25	2.365 - 2.385	.829	1.000	20.75	AS3249-52	5.740 - 5.760	4.204	4.375	42.60
AS3249-26	2.490 - 2.510	.954	1.125	21.56	AS3249-53	5.865 - 5.885	4.329	4.500	43.41
AS3249-27	2.615 - 2.635	1.079	1.250	22.37	AS3249-54	5.990 - 6.010	4.454	4.625	44.22
AS3249-28	2.740 - 2.760	1.204	1.375	23.18					
AS3249-29	2.865 - 2.885	1.329	1.500	23.99					
AS3249-30	2.990 - 3.010	1.454	1.625	24.80					

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