

AS3241

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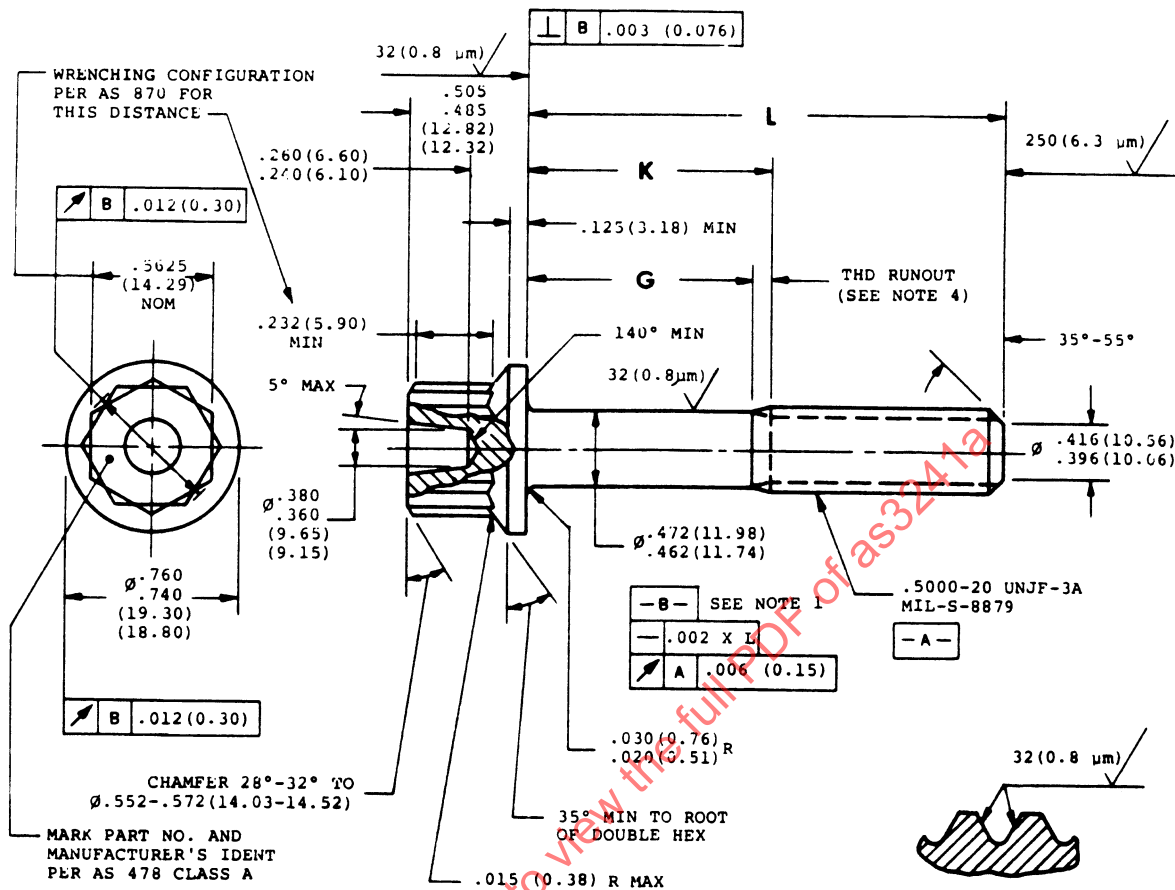
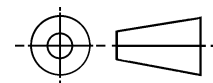


FIGURE 1

SECTION THRU
THREAD PROFILE

THIRD ANGLE PROJECTION



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

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AEROSPACE STANDARD

BOLT, MACHINE-DOUBLE HEX EXTENDED
WASHER HEAD, PD SHANK, AMS 5662,
.5000-20 UNJF-3A

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SHEET 1 OF 3

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TABLE 1

PART NUMBER	L		G MIN		K MAX		APPROX. MASS	
	INCH	mm	INCH	mm	INCH	mm	LB/100	kg/100
AS3241-03	.740-.760	18.80-19.30	.030	0.77	.125	3.17	7.33	3.324
AS3241-04	.802-.822	20.38-20.87	.030	0.77	.125	3.17	7.65	3.470
AS3241-05	.865-.885	21.98-22.47	.030	0.77	.125	3.17	7.97	3.616
AS3241-06	.928-.948	23.58-24.07	.030	0.77	.125	3.17	8.29	3.762
AS3241-07	.990-1.010	25.15-25.65	.030	0.77	.125	3.17	8.61	3.903
AS3241-08	1.052-1.072	26.73-27.22	.030	0.77	.125	3.17	8.93	4.049
AS3241-09	1.115-1.135	28.33-28.82	.030	0.77	.125	3.17	9.25	4.195
AS3241-10	1.178-1.198	29.93-30.42	.030	0.77	.125	3.17	9.56	4.336
AS3241-11	1.240-1.260	31.50-32.00	.030	0.77	.125	3.17	9.88	4.482
AS3241-12	1.302-1.322	33.08-33.57	.030	0.77	.125	3.17	10.20	4.628
AS3241-13	1.365-1.385	34.68-35.17	.030	0.77	.125	3.17	10.53	4.774
AS3241-14	1.428-1.448	36.28-36.77	.030	0.77	.188	4.77	10.84	4.915
AS3241-15	1.490-1.510	37.85-38.35	.090	2.29	.250	6.35	11.16	5.061
AS3241-16	1.552-1.572	39.43-39.92	.152	3.87	.312	7.92	11.48	5.207
AS3241-17	1.615-1.635	41.03-41.52	.215	5.47	.375	9.52	11.80	5.353
AS3241-18	1.678-1.693	42.63-43.12	.278	7.07	.438	11.52	12.11	5.495
AS3241-19	1.740-1.760	44.20-44.70	.340	8.64	.500	12.70	12.44	5.641
AS3241-20	1.802-1.822	45.78-46.27	.402	10.22	.562	14.27	12.77	5.786
AS3241-21	1.865-1.885	47.38-47.87	.465	11.82	.625	15.87	13.07	5.928
AS3241-22	1.928-1.948	48.98-49.47	.528	13.42	.688	17.47	13.39	6.074
AS3241-23	1.990-2.010	50.55-51.05	.590	14.99	.750	19.05	13.71	6.220
AS3241-24	2.115-2.135	53.73-54.22	.715	18.17	.875	22.22	14.35	6.507
AS3241-25	2.240-2.260	56.90-57.40	.840	21.34	1.000	25.40	14.99	6.799
AS3241-26	2.365-2.385	60.08-60.57	.965	24.52	1.125	28.57	15.62	7.086
AS3241-27	2.490-2.510	63.25-63.75	1.090	27.69	1.250	31.75	16.27	7.378
AS3241-28	2.615-2.635	66.43-66.92	1.215	30.87	1.375	34.92	16.90	7.665
AS3241-29	2.740-2.760	69.60-70.10	1.340	34.04	1.500	38.10	17.54	7.957
AS3241-30	2.865-2.885	72.78-73.27	1.465	37.22	1.625	41.27	18.18	8.244
AS3241-31	2.990-3.010	75.95-76.45	1.590	40.39	1.750	44.45	18.81	8.244
AS3241-32	3.115-3.135	79.13-79.62	1.715	43.57	1.875	47.62	19.45	8.823
AS3241-33	3.240-3.260	82.30-82.80	1.840	46.74	2.000	50.80	20.09	9.111
AS3241-34	3.365-3.385	85.48-85.97	1.965	49.92	2.125	53.97	20.73	9.402
AS3241-35	3.490-3.510	88.65-89.15	2.090	53.09	2.250	57.15	21.36	9.690
AS3241-36	3.615-3.635	91.83-92.32	2.215	56.27	2.375	60.32	22.01	9.982
AS3241-37	3.740-3.760	95.00-95.50	2.340	59.44	2.500	63.60	22.64	10.269
AS3241-38	3.865-3.885	98.18-98.67	2.465	62.62	2.625	66.67	23.28	10.561
AS3241-39	3.990-4.010	101.35-101.85	2.590	65.79	2.750	69.85	23.92	10.848
AS3241-40	4.115-4.135	104.53-105.02	2.715	68.97	2.875	73.02	24.56	11.140
AS3241-41	4.240-4.260	107.70-108.20	2.840	72.14	3.000	76.20	25.19	11.427
AS3241-42	4.365-4.385	110.88-111.37	2.965	75.32	3.125	79.37	25.83	11.714
AS3241-43	4.490-4.510	114.05-114.55	3.090	78.49	3.250	82.55	26.47	12.006
AS3241-44	4.615-4.635	117.23-117.72	3.215	81.67	3.375	85.72	27.10	12.293
AS3241-45	4.740-4.760	120.40-120.90	3.340	84.84	3.500	88.90	27.75	12.585
AS3241-46	4.865-4.885	123.58-124.07	3.465	88.02	3.625	92.07	28.38	12.872
AS3241-47	4.990-5.010	126.75-127.25	3.590	91.19	3.750	95.25	29.02	13.164
AS3241-48	5.115-5.135	129.93-130.42	3.715	94.36	3.875	98.42	29.66	13.452
AS3241-49	5.240-5.260	133.10-133.60	3.840	97.54	4.000	101.60	30.60	13.744
AS3241-50	5.365-5.385	136.28-136.77	3.965	100.72	4.125	104.77	30.93	14.030
AS3241-51	5.490-5.510	139.45-139.95	4.090	103.89	4.250	107.95	31.58	14.324
AS3241-52	5.615-5.635	142.63-143.12	4.215	107.07	4.375	111.12	32.22	14.615
AS3241-53	5.740-5.760	145.80-146.30	4.340	110.24	4.500	114.30	32.85	14.900
AS3241-54	5.865-5.885	148.98-149.47	4.465	113.42	4.625	117.47	33.50	15.195
AS3241-55	5.990-6.010	152.15-152.65	4.590	116.59	4.750	120.65	34.14	15.485