

REV. A

AS3168

RATIONALE

REVISE THREAD SPECIFICATION TO AS8879. REVISE LIGHTENING HOLE CONFIGURATION (ADD SECTION VIEW) TO ALLOW OPTIONAL SHAPE AT BOTTOM OF HOLE, DELETE .015 MAX RADIUS AT BASE OF WRENCH PAD, UPDATE FPI REQUIREMENTS, ADD SURFACE FINISH REQUIREMENTS TO BOLT HEAD, REVISE COLD ROLLING NOTE, UPDATE TO ANSI Y14.5M-1982, DELETE METRIC DIMENSIONS, GENERAL EDITORIAL UPDATE, REFERENCES UPDATED AND FIGURE 1 REDRAWN.

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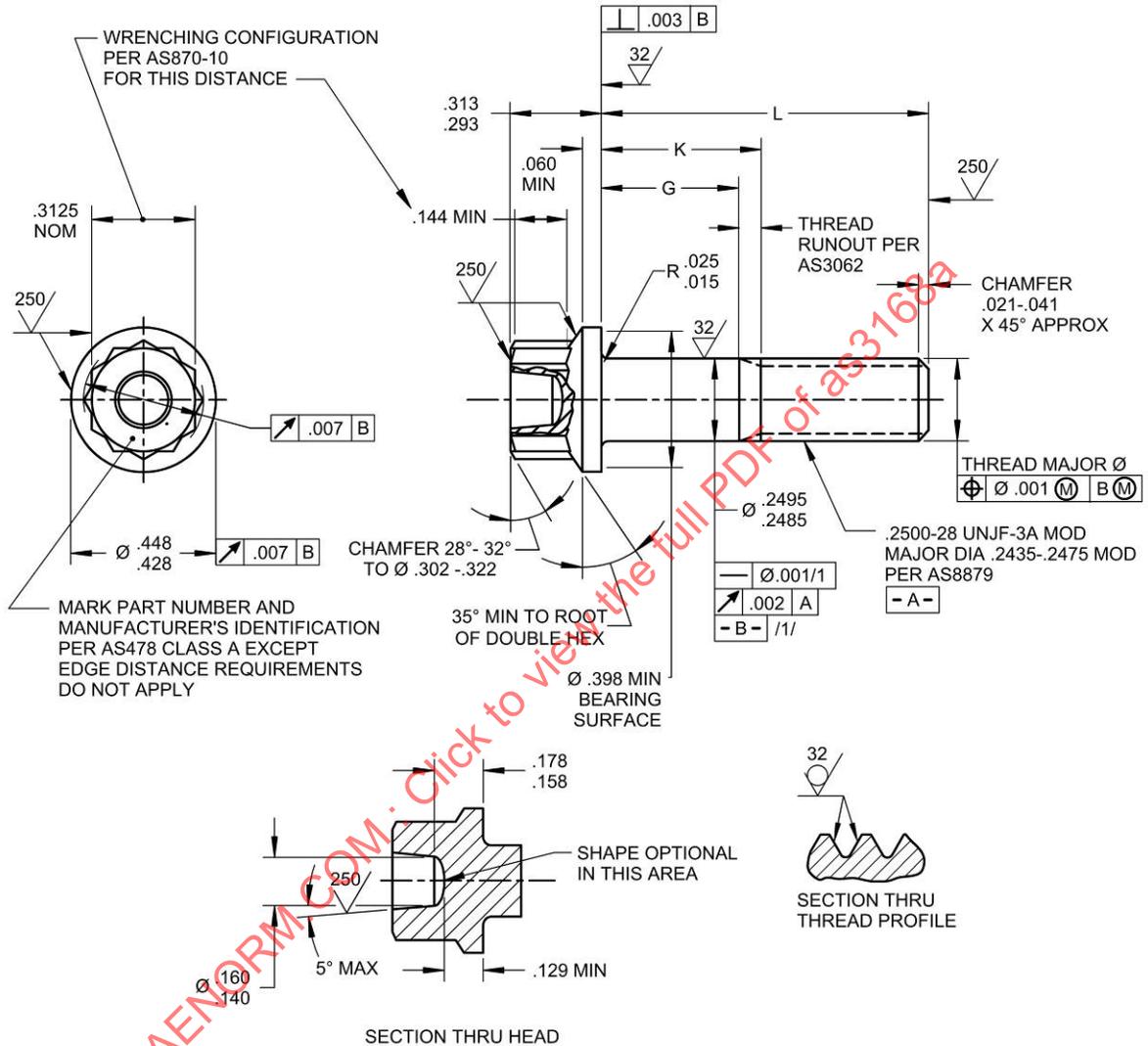
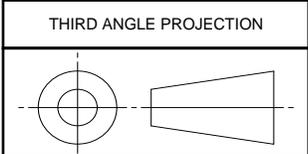


FIGURE 1 - BOLT

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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7474 /8/	
	AEROSPACE STANDARD		AS3168 SHEET 1 OF 3
	(R) BOLT, MACHINE-DOUBLE HEX EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, CORROSION RESISTANT STEEL (UNS S17400), 140 KSI UTS MIN, .2500-28, UNJF-3A		

ISSUED 1976-03 REAFFIRMED 2006-10 REVISED 2015-03

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100
AS3168-03	.690- .710	.117	.198	1.61	AS3168-45	3.314-3.334	2.741	2.822	5.18
AS3168-04	.752- .772	.179	.260	1.69	AS3168-46	3.377-3.397	2.804	2.885	5.26
AS3168-05	.814- .834	.241	.322	1.78	AS3168-47	3.440-3.460	2.867	2.948	5.35
AS3168-06	.877- .897	.304	.385	1.85	AS3168-48	3.502-3.522	2.929	3.010	5.43
AS3168-07	.940- .960	.367	.448	1.95	AS3168-49	3.564-3.584	2.991	3.072	5.52
AS3168-08	1.002-1.022	.429	.510	2.03	AS3168-50	3.627-3.647	3.054	3.135	5.60
AS3168-09	1.064-1.084	.491	.572	2.12	AS3168-51	3.690-3.710	3.117	3.198	5.69
AS3168-10	1.127-1.147	.554	.635	2.20	AS3168-52	3.752-3.772	3.179	3.260	5.77
AS3168-11	1.190-1.210	.617	.698	2.29	AS3168-53	3.814-3.834	3.241	3.322	5.86
AS3168-12	1.252-1.272	.679	.760	2.37	AS3168-54	3.877-3.897	3.304	3.385	5.94
AS3168-13	1.314-1.334	.741	.822	2.46	AS3168-55	3.940-3.960	3.367	3.448	6.03
AS3168-14	1.377-1.397	.804	.885	2.54	AS3168-56	4.002-4.022	3.429	3.510	6.11
AS3168-15	1.440-1.460	.867	.948	2.63	AS3168-57	4.064-4.084	3.491	3.572	6.20
AS3168-16	1.502-1.522	.929	1.010	2.71	AS3168-58	4.127-4.147	3.554	3.635	6.28
AS3168-17	1.564-1.584	.991	1.072	2.80	AS3168-59	4.190-4.210	3.617	3.698	6.37
AS3168-18	1.627-1.647	1.054	1.135	2.88	AS3168-60	4.252-4.272	3.679	3.760	6.45
AS3168-19	1.690-1.710	1.117	1.198	2.97	AS3168-61	4.314-4.334	3.741	3.822	6.54
AS3168-20	1.752-1.772	1.179	1.260	3.05	AS3168-62	4.377-4.397	3.804	3.885	6.62
AS3168-21	1.814-1.834	1.241	1.322	3.14	AS3168-63	4.440-4.460	3.867	3.948	6.71
AS3168-22	1.877-1.897	1.304	1.385	3.22	AS3168-64	4.502-4.522	3.929	4.010	6.79
AS3168-23	1.940-1.960	1.367	1.448	3.31	AS3168-65	4.564-4.584	3.991	4.072	6.88
AS3168-24	2.002-2.022	1.429	1.510	3.39	AS3168-66	4.627-4.647	4.054	4.135	6.96
AS3168-25	2.064-2.084	1.491	1.572	3.48	AS3168-67	4.690-4.710	4.117	4.198	7.05
AS3168-26	2.127-2.147	1.554	1.635	3.56	AS3168-68	4.752-4.772	4.179	4.260	7.13
AS3168-27	2.190-2.210	1.617	1.698	3.65	AS3168-69	4.814-4.834	4.241	4.322	7.22
AS3168-28	2.252-2.272	1.679	1.760	3.73	AS3168-70	4.877-4.897	4.304	4.385	7.30
AS3168-29	2.314-2.334	1.741	1.822	3.82	AS3168-71	4.940-4.960	4.367	4.448	7.39
AS3168-30	2.377-2.397	1.804	1.885	3.90	AS3168-72	5.002-5.022	4.429	4.510	7.47
AS3168-31	2.440-2.460	1.867	1.948	3.99	AS3168-73	5.064-5.084	4.491	4.572	7.56
AS3168-32	2.502-2.522	1.929	2.010	4.07	AS3168-74	5.127-5.147	4.554	4.635	7.65
AS3168-33	2.564-2.584	1.991	2.072	4.16	AS3168-75	5.190-5.210	4.617	4.698	7.73
AS3168-34	2.627-2.647	2.054	2.135	4.24	AS3168-76	5.252-5.272	4.679	4.760	7.82
AS3168-35	2.690-2.710	2.117	2.198	4.33	AS3168-77	5.314-5.334	4.741	4.822	7.90
AS3168-36	2.752-2.772	2.179	2.260	4.41	AS3168-78	5.377-5.397	4.804	4.885	7.99
AS3168-37	2.814-2.834	2.241	2.322	4.50	AS3168-79	5.440-5.460	4.867	4.948	8.07
AS3168-38	2.877-2.897	2.304	2.385	4.58	AS3168-80	5.502-5.522	4.929	5.010	8.16
AS3168-39	2.940-2.960	2.367	2.448	4.67	AS3168-81	5.564-5.584	4.991	5.072	8.24
AS3168-40	3.002-3.022	2.429	2.510	4.75	AS3168-82	5.627-5.647	5.054	5.135	8.33
AS3168-41	3.064-3.084	2.491	2.572	4.84	AS3168-83	5.690-5.710	5.117	5.198	8.41
AS3168-42	3.127-3.147	2.554	2.635	4.92	AS3168-84	5.752-5.772	5.179	5.260	8.51
AS3168-43	3.190-3.210	2.617	2.698	5.01	AS3168-85	5.814-5.834	5.241	5.322	8.58
AS3168-44	3.252-3.272	2.679	2.760	5.09	AS3168-86	5.877-5.897	5.304	5.385	8.67