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REV.
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AS3169

FEDERAL SUPPLY CLASS

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.

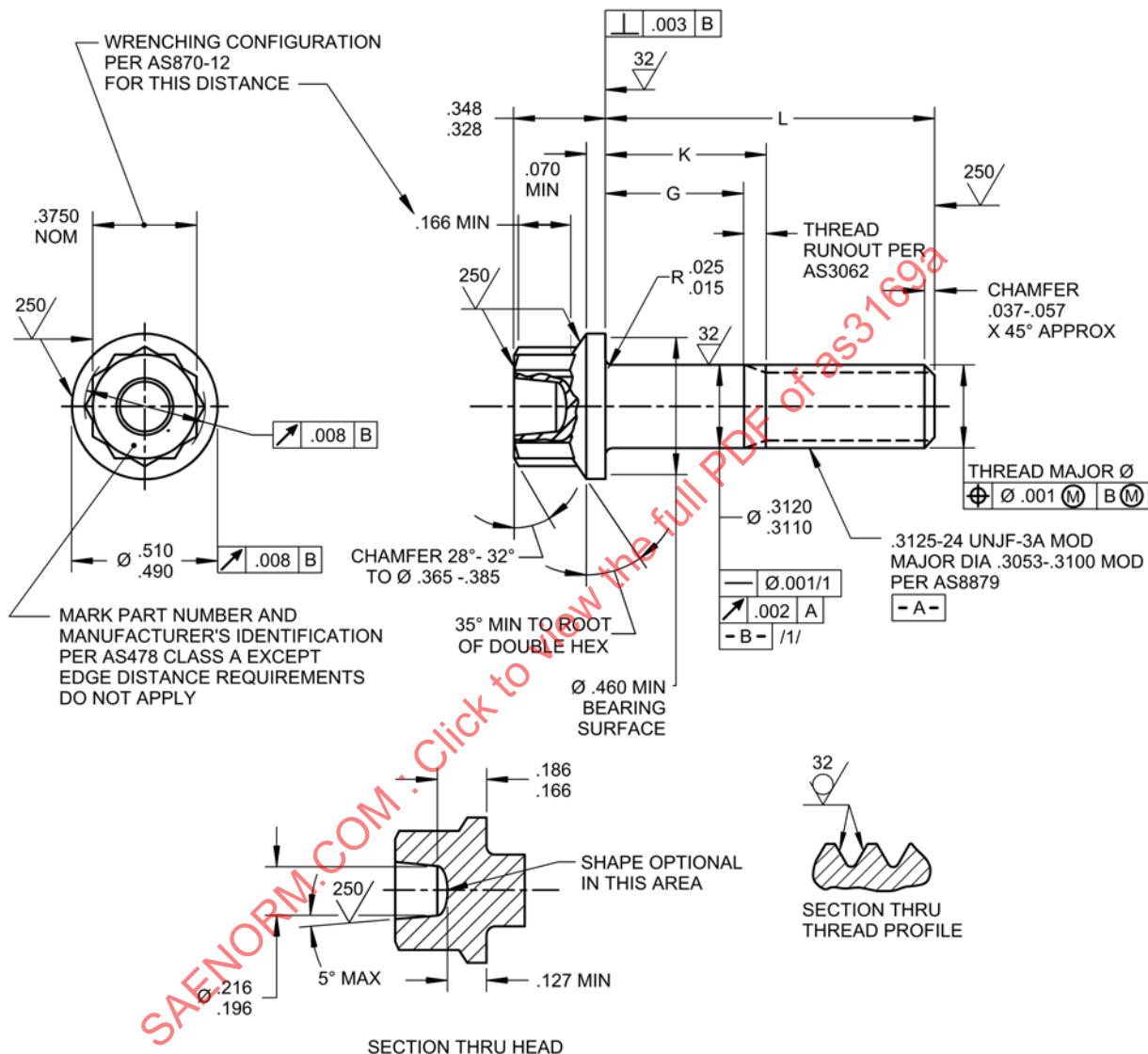


FIGURE 1 - BOLT

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THIRD ANGLE PROJECTION

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474 /8/



AEROSPACE STANDARD

(R) BOLT, MACHINE-DOUBLE HEX EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, CORROSION RESISTANT STEEL (UNS S17400), 140KSI UTS MIN, .3125-24, UNJF-3A

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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
AS3169-03	.741-.761	.105	.198	2.54	AS3169-45	3.365-3.385	2.729	2.822	8.14
AS3169-04	.803-.823	.167	.260	2.67	AS3169-46	3.428-3.448	2.792	2.885	8.27
AS3169-05	.865-.885	.229	.322	2.81	AS3169-47	3.491-3.511	2.855	2.948	8.40
AS3169-06	.928-.948	.292	.385	2.94	AS3169-48	3.553-3.573	2.917	3.010	8.53
AS3169-07	.991-1.011	.355	.448	3.07	AS3169-49	3.615-3.635	2.979	3.072	8.67
AS3169-08	1.053-1.073	.417	.510	3.21	AS3169-50	3.678-3.698	3.042	3.135	8.81
AS3169-09	1.115-1.135	.479	.572	3.34	AS3169-51	3.741-3.761	3.105	3.198	8.94
AS3169-10	1.178-1.198	.542	.635	3.48	AS3169-52	3.803-3.823	3.167	3.260	9.07
AS3169-11	1.241-1.261	.605	.698	3.61	AS3169-53	3.865-3.885	3.229	3.322	9.20
AS3169-12	1.303-1.323	.667	.760	3.74	AS3169-54	3.928-3.948	3.292	3.385	9.34
AS3169-13	1.365-1.385	.729	.822	3.84	AS3169-55	3.991-4.011	3.355	3.448	9.47
AS3169-14	1.428-1.448	.792	.885	4.01	AS3169-56	4.053-4.073	3.417	3.510	9.60
AS3169-15	1.491-1.511	.855	.948	4.14	AS3169-57	4.115-4.135	3.479	3.572	9.73
AS3169-16	1.553-1.573	.917	1.010	4.27	AS3169-58	4.178-4.198	3.542	3.635	9.87
AS3169-17	1.615-1.635	.979	1.072	4.40	AS3169-59	4.241-4.261	3.605	3.698	10.00
AS3169-18	1.678-1.698	1.042	1.135	4.54	AS3169-60	4.303-4.323	3.667	3.760	10.13
AS3169-19	1.741-1.761	1.105	1.198	4.68	AS3169-61	4.365-4.385	3.729	3.822	10.26
AS3169-20	1.803-1.823	1.167	1.260	4.80	AS3169-62	4.428-4.448	3.792	3.885	10.40
AS3169-21	1.865-1.885	1.229	1.322	4.93	AS3169-63	4.491-4.511	3.855	3.948	10.54
AS3169-22	1.928-1.948	1.292	1.385	5.07	AS3169-64	4.553-4.573	3.917	4.010	10.67
AS3169-23	1.991-2.011	1.355	1.448	5.21	AS3169-65	4.615-4.635	3.979	4.072	10.80
AS3169-24	2.053-2.073	1.417	1.510	5.34	AS3169-66	4.678-4.698	4.042	4.135	10.93
AS3169-25	2.115-2.135	1.479	1.572	5.47	AS3169-67	4.741-4.761	4.105	4.198	11.07
AS3169-26	2.178-2.198	1.542	1.635	5.60	AS3169-68	4.803-4.823	4.167	4.260	11.20
AS3169-27	2.241-2.261	1.605	1.698	5.74	AS3169-69	4.865-4.885	4.229	4.322	11.33
AS3169-28	2.303-2.323	1.667	1.760	5.87	AS3169-70	4.928-4.948	4.292	4.385	11.46
AS3169-29	2.365-2.385	1.729	1.822	6.00	AS3169-71	4.991-5.011	4.355	4.448	11.60
AS3169-30	2.428-2.448	1.792	1.885	6.13	AS3169-72	5.053-5.073	4.417	4.510	11.74
AS3169-31	2.491-2.511	1.855	1.948	6.27	AS3169-73	5.115-5.135	4.479	4.572	11.87
AS3169-32	2.553-2.573	1.917	2.010	6.41	AS3169-74	5.178-5.198	4.542	4.635	12.00
AS3169-33	2.615-2.635	1.979	2.072	6.54	AS3169-75	5.241-5.261	4.605	4.698	12.13
AS3169-34	2.678-2.698	2.042	2.135	6.63	AS3169-76	5.303-5.323	4.667	4.760	12.27
AS3169-35	2.741-2.761	2.105	2.198	6.80	AS3169-77	5.365-5.385	4.729	4.822	12.40
AS3169-36	2.803-2.823	2.167	2.260	6.94	AS3169-78	5.428-5.448	4.792	4.885	12.53
AS3169-37	2.865-2.885	2.229	2.322	7.07	AS3169-79	5.491-5.511	4.855	4.948	12.66
AS3169-38	2.928-2.948	2.292	2.385	7.20	AS3169-80	5.553-5.573	4.917	5.010	12.80
AS3169-39	2.991-3.011	2.355	2.448	7.33	AS3169-81	5.615-5.635	4.979	5.072	12.93
AS3169-40	3.053-3.073	2.417	2.510	7.47	AS3169-82	5.678-5.688	5.042	5.135	13.07
AS3169-41	3.115-3.135	2.479	2.572	7.60					
AS3169-42	3.178-3.198	2.542	2.635	7.74					
AS3169-43	3.241-3.261	2.605	2.698	7.87					
AS3169-44	3.303-3.323	2.667	2.760	8.00					



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CLOSE TOLERANCE SHANK, CORROSION RESISTANT STEEL
(UNS S17400), 140KSI UTS MIN, .3125-24, UNJF-3A

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