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REV.
B

AS3418™

FEDERAL SUPPLY CLASS
5306

RATIONALE

DELETE RADIUS AT TRANSITION OF WRENCH FLATS AND BASE FLANGE, UPDATE FEATURE CONTROL FRAME FOR STRAIGHTNESS, ADD EDGE DISTANCE EXCEPTION FOR HEAD MARKING, ADD SURFACE TEXTURE REQUIREMENTS FOR HEAD, WRENCH FLATS AND BOLT END, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, UPDATE FPI REFERENCE AND ADD STANDARD SENSITIVITY REQUIREMENT, FIGURE 1 RE-DRAWN, AND GENERAL EDITORIAL CHANGES.

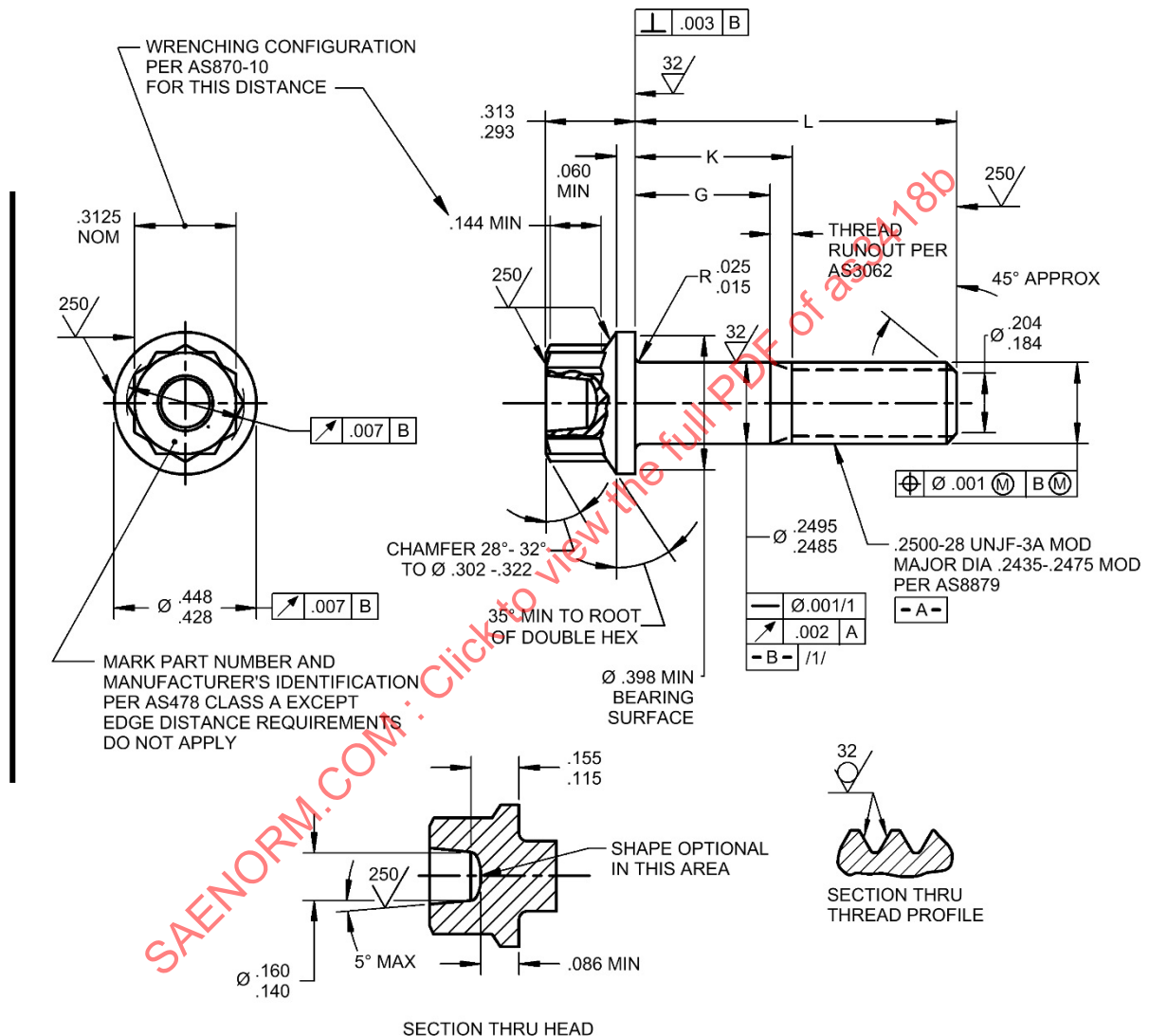


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3418B/>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7467 /3/



AEROSPACE STANDARD

BOLT, MACHINE, DOUBLE HEX, EXT WASHER
HEAD, CLOSE TOL. SHANK, UNS N07718, 185 KSI MIN,
.2500-28UNJF-3A (STRESS RUPTURE RESISTANT)

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SHEET 1 OF 3

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TABLE 1 - PART NUMBERS AND DIMENSIONS L, G, K, AND APPROX. MASS

PART NUMBER	L ±.010	G MIN	K MAX	APPROX MASS LB/100	PART NUMBER	L ±.010	G MIN	K MAX	APPROX MASS LB/100
AS3418-03	0.700	0.117	0.198	1.70	AS3418-53	3.824	3.241	3.322	6.20
AS3418-04	0.762	0.179	0.260	1.79	AS3418-54	3.887	3.304	3.385	6.29
AS3418-05	0.824	0.241	0.322	1.88	AS3418-55	3.950	3.367	3.448	6.38
AS3418-06	0.887	0.304	0.385	1.96	AS3418-56	4.012	3.429	3.510	6.47
AS3418-07	0.950	0.367	0.448	2.06	AS3418-57	4.074	3.491	3.572	6.56
AS3418-08	1.012	0.429	0.510	2.15	AS3418-58	4.137	3.554	3.635	6.65
AS3418-09	1.074	0.491	0.572	2.24	AS3418-59	4.200	3.617	3.698	6.74
AS3418-10	1.137	0.554	0.635	2.33	AS3418-60	4.262	3.679	3.760	6.83
AS3418-11	1.200	0.617	0.698	2.42	AS3418-61	4.324	3.741	3.822	6.92
AS3418-12	1.262	0.679	0.760	2.51	AS3418-62	4.387	3.804	3.885	7.01
AS3418-13	1.324	0.741	0.822	2.60	AS3418-63	4.450	3.867	3.948	7.10
AS3418-14	1.387	0.804	0.885	2.69	AS3418-64	4.512	3.929	4.010	7.19
AS3418-15	1.450	0.867	0.948	2.78	AS3418-65	4.574	3.991	4.072	7.28
AS3418-16	1.512	0.929	1.010	2.87	AS3418-66	4.637	4.054	4.135	7.37
AS3418-17	1.574	0.991	1.072	2.96	AS3418-67	4.700	4.117	4.198	7.46
AS3418-18	1.637	1.054	1.135	3.05	AS3418-68	4.762	4.179	4.260	7.55
AS3418-19	1.700	1.117	1.198	3.14	AS3418-69	4.824	4.241	4.322	7.64
AS3418-20	1.762	1.179	1.260	3.23	AS3418-70	4.887	4.304	4.385	7.73
AS3418-21	1.824	1.241	1.322	3.32	AS3418-71	4.950	4.367	4.448	7.82
AS3418-22	1.887	1.304	1.385	3.41	AS3418-72	5.012	4.429	4.510	7.91
AS3418-23	1.950	1.367	1.448	3.50	AS3418-73	5.074	4.491	4.572	8.00
AS3418-24	2.012	1.429	1.510	3.59	AS3418-74	5.137	4.554	4.635	8.09
AS3418-25	2.074	1.491	1.572	3.68	AS3418-75	5.200	4.617	4.698	8.18
AS3418-26	2.137	1.554	1.635	3.77	AS3418-76	5.262	4.679	4.760	8.27
AS3418-27	2.200	1.617	1.698	3.86	AS3418-77	5.324	4.741	4.822	8.36
AS3418-28	2.262	1.679	1.760	3.95	AS3418-78	5.387	4.804	4.885	8.45
AS3418-29	2.324	1.741	1.822	4.04	AS3418-79	5.450	4.867	4.948	8.54
AS3418-30	2.387	1.804	1.885	4.13	AS3418-80	5.512	4.929	5.010	8.63
AS3418-31	2.450	1.867	1.948	4.22	AS3418-81	5.574	4.991	5.072	8.72
AS3418-32	2.512	1.929	2.010	4.31	AS3418-82	5.637	5.054	5.135	8.81
AS3418-33	2.574	1.991	2.072	4.40	AS3418-83	5.700	5.117	5.198	8.90
AS3418-34	2.637	2.054	2.135	4.49	AS3418-84	5.762	5.179	5.260	8.99
AS3418-35	2.700	2.117	2.198	4.58	AS3418-85	5.824	5.241	5.322	9.08
AS3418-36	2.762	2.179	2.260	4.67	AS3418-86	5.887	5.304	5.385	9.17
AS3418-37	2.824	2.241	2.322	4.76					
AS3418-38	2.887	2.304	2.385	4.85					
AS3418-39	2.950	2.367	2.448	4.94					
AS3418-40	3.012	2.429	2.510	5.03					
AS3418-41	3.074	2.491	2.572	5.12					
AS3418-42	3.137	2.554	2.635	5.21					
AS3418-43	3.200	2.617	2.698	5.30					
AS3418-44	3.262	2.679	2.760	5.39					
AS3418-45	3.324	2.741	2.822	5.48					
AS3418-46	3.387	2.804	2.885	5.57					
AS3418-47	3.450	2.867	2.948	5.66					
AS3418-48	3.512	2.929	3.010	5.75					
AS3418-49	3.574	2.991	3.072	5.84					
AS3418-50	3.637	3.054	3.135	5.93					
AS3418-51	3.700	3.117	3.198	6.02					
AS3418-52	3.762	3.179	3.260	6.11					



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