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REV.
C

AS3420™

FEDERAL SUPPLY CLASS
5306

RATIONALE

UPDATE TO ASME Y14.5-2018. UPDATE LEAD THREAD CHAMFER TO AS1132. REVISE POSITION FCF ON MAJ DIA TO INCLUDE NEW DATUM C PER AS1132. REVISE LIGHTENING HOLE CONFIGURATION TO AS1132. REVISE HEAD TO SHANK FILLET TO CR. ADD "COMPOSITION SIMILAR TO" TO UNS IN NOTE 2. GENERAL EDITORIAL UPDATES.

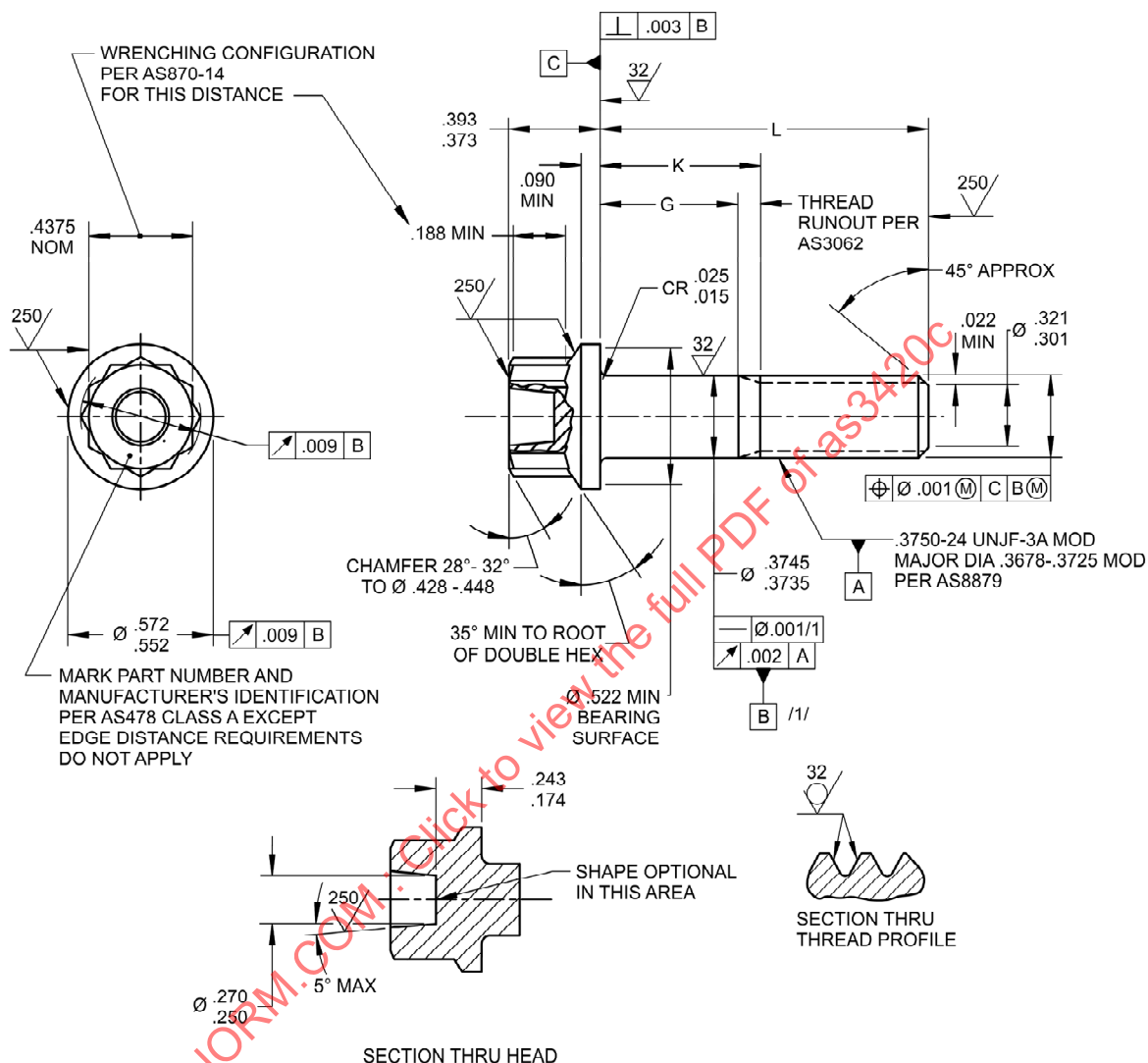
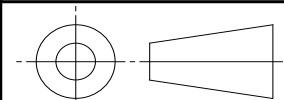


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3420C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7467 /3/



AEROSPACE STANDARD

BOLT, MACHINE, DOUBLE HEX, EXTENDED WASHER
HEAD, CLOSE TOL. SHANK, UNS N07718, 185 KSI MIN
.3750-24 UNJF-3A (STRESS RUPTURE RESISTANT)

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TABLE 1 - PART NUMBERS, 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
AS3420-03	.848	.105	.198	4.18	AS3420-53	3.972	3.229	3.322	14.34
AS3420-04	.910	.167	.260	4.38	AS3420-54	4.035	3.292	3.385	14.55
AS3420-05	.972	.229	.322	4.58	AS3420-55	4.098	3.355	3.448	14.76
AS3420-06	1.035	.292	.385	4.79	AS3420-56	4.160	3.417	3.510	14.96
AS3420-07	1.098	.355	.448	5.00	AS3420-57	4.222	3.479	3.572	15.16
AS3420-08	1.160	.417	.510	5.20	AS3420-58	4.285	3.542	3.635	15.36
AS3420-09	1.222	.479	.572	5.40	AS3420-59	4.348	3.605	3.698	15.57
AS3420-10	1.285	.542	.635	5.60	AS3420-60	4.410	3.667	3.760	15.77
AS3420-11	1.348	.605	.698	5.81	AS3420-61	4.472	3.729	3.822	15.97
AS3420-12	1.410	.667	.760	6.01	AS3420-62	4.535	3.792	3.885	16.18
AS3420-13	1.472	.729	.822	6.21	AS3420-63	4.598	3.855	3.948	16.38
AS3420-14	1.535	.792	.885	6.42	AS3420-64	4.660	3.917	4.010	16.58
AS3420-15	1.598	.855	.948	6.62	AS3420-65	4.722	3.979	4.072	16.78
AS3420-16	1.660	.917	1.010	6.82	AS3420-66	4.785	4.042	4.135	16.99
AS3420-17	1.722	.979	1.072	7.02	AS3420-67	4.848	4.105	4.198	17.19
AS3420-18	1.785	1.042	1.135	7.23	AS3420-68	4.910	4.167	4.260	17.40
AS3420-19	1.848	1.105	1.198	7.44	AS3420-69	4.972	4.229	4.322	17.60
AS3420-20	1.910	1.167	1.260	7.64	AS3420-70	5.035	4.292	4.385	17.80
AS3420-21	1.972	1.229	1.322	7.84	AS3420-71	5.098	4.355	4.448	18.01
AS3420-22	2.035	1.292	1.385	8.04	AS3420-72	5.160	4.417	4.510	18.21
AS3420-23	2.098	1.355	1.448	8.25	AS3420-73	5.222	4.479	4.572	18.41
AS3420-24	2.160	1.417	1.510	8.45	AS3420-74	5.285	4.542	4.635	18.62
AS3420-25	2.222	1.479	1.572	8.65	AS3420-75	5.348	4.605	4.698	18.82
AS3420-26	2.285	1.542	1.635	8.86	AS3420-76	5.410	4.667	4.760	19.02
AS3420-27	2.348	1.605	1.698	9.06	AS3420-77	5.472	4.729	4.822	19.22
AS3420-28	2.410	1.667	1.760	9.26	AS3420-78	5.535	4.792	4.885	19.43
AS3420-29	2.472	1.729	1.822	9.47	AS3420-79	5.598	4.855	4.948	19.63
AS3420-30	2.535	1.792	1.885	9.67	AS3420-80	5.660	4.917	5.010	19.83
AS3420-31	2.598	1.855	1.948	9.87					
AS3420-32	2.660	1.917	2.010	10.08					
AS3420-33	2.722	1.979	2.072	10.28					
AS3420-34	2.785	2.042	2.135	10.48					
AS3420-35	2.848	2.105	2.198	10.69					
AS3420-36	2.910	2.167	2.260	10.89					
AS3420-37	2.972	2.229	2.322	11.09					
AS3420-38	3.035	2.292	2.385	11.30					
AS3420-39	3.098	2.355	2.448	11.50					
AS3420-40	3.160	2.417	2.510	11.70					
AS3420-41	3.222	2.479	2.572	11.90					
AS3420-42	3.285	2.542	2.635	12.11					
AS3420-43	3.348	2.605	2.698	12.31					
AS3420-44	3.410	2.667	2.760	12.52					
AS3420-45	3.472	2.729	2.822	12.72					
AS3420-46	3.535	2.792	2.885	12.92					
AS3420-47	3.598	2.855	2.948	13.13					
AS3420-48	3.660	2.917	3.010	13.33					
AS3420-49	3.722	2.979	3.072	13.53					
AS3420-50	3.785	3.042	3.135	13.74					
AS3420-51	3.848	3.105	3.198	13.94					
AS3420-52	3.910	3.167	3.260	14.14					



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