

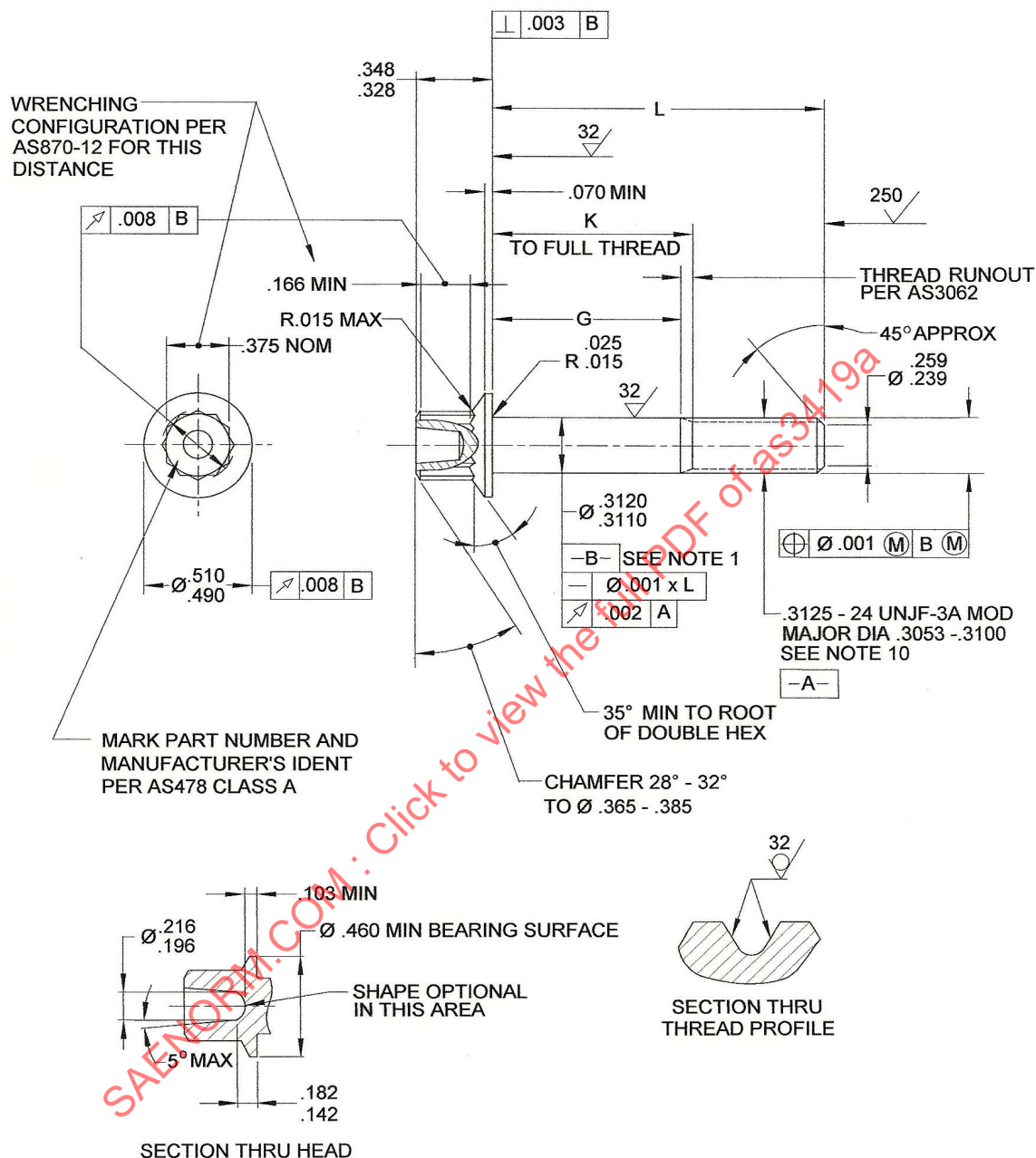
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SAE AS3419

FEDERAL SUPPLY CLASS
5306

RATIONALE

FIGURE 1 REDRAWN FOR CLARITY, LIGHTENING HOLE AND TAIL CHAMFER BROUGHT INTO LINE WITH CURRENT PRACTICE AND DOCUMENT GENERALLY UPDATED



SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3419A>

THIRD ANGLE PROJECTION

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7487

SAE Aerospace
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AEROSPACE STANDARD

(R) BOLT, MACHINE, DOUBLE HEX, EXT WASHER HEAD, CLOSE TOLERANCE SHANK, UNS N07718 .3125-24 UNJF-3A (STRESS RUPTURE RESISTANT)

SAE AS3419
SHEET 1 OF 3

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TABLE 1 – DIMENSIONS

PART NUMBER	L ±.010	G MIN	K MAX	APPROX MASS LB/100	PART NUMBER	L ±.010	G MIN	K MAX	APPROX MASS LB/100
AS3419-03	0.751	0.105	0.198	2.69	AS3419-53	3.875	3.229	3.322	9.74
AS3419-04	0.813	0.167	0.260	2.83	AS3419-54	3.938	3.292	3.385	9.88
AS3419-05	0.875	0.229	0.322	2.97	AS3419-55	4.001	3.355	3.448	10.02
AS3419-06	0.938	0.292	0.385	3.11	AS3419-56	4.063	3.417	3.510	10.16
AS3419-07	1.001	0.355	0.448	3.25	AS3419-57	4.125	3.479	3.572	10.30
AS3419-08	1.063	0.417	0.510	3.40	AS3419-58	4.188	3.542	3.635	10.44
AS3419-09	1.125	0.479	0.572	3.53	AS3419-59	4.251	3.605	3.698	10.58
AS3419-10	1.188	0.542	0.635	3.68	AS3419-60	4.313	3.667	3.760	10.72
AS3419-11	1.251	0.605	0.698	3.82	AS3419-61	4.375	3.729	3.822	10.86
AS3419-12	1.313	0.667	0.760	3.96	AS3419-62	4.438	3.792	3.885	11.00
AS3419-13	1.375	0.729	0.822	4.10	AS3419-63	4.501	3.855	3.948	11.15
AS3419-14	1.438	0.792	0.885	4.24	AS3419-64	4.563	3.917	4.010	11.29
AS3419-15	1.501	0.855	0.948	4.38	AS3419-65	4.625	3.979	4.072	11.43
AS3419-16	1.563	0.917	1.010	4.52	AS3419-66	4.688	4.042	4.135	11.57
AS3419-17	1.625	0.979	1.072	4.66	AS3419-67	4.751	4.105	4.198	11.71
AS3419-18	1.688	1.042	1.135	4.80	AS3419-68	4.813	4.167	4.260	11.85
AS3419-19	1.751	1.105	1.198	4.95	AS3419-69	4.875	4.229	4.322	11.99
AS3419-20	1.813	1.167	1.260	5.08	AS3419-70	4.938	4.292	4.385	12.13
AS3419-21	1.875	1.229	1.322	5.22	AS3419-71	5.001	4.355	4.448	12.28
AS3419-22	1.938	1.292	1.385	5.37	AS3419-72	5.063	4.417	4.510	12.42
AS3419-23	2.001	1.355	1.448	5.51	AS3419-73	5.125	4.479	4.572	12.56
AS3419-24	2.063	1.417	1.510	5.65	AS3419-74	5.188	4.542	4.635	12.70
AS3419-25	2.125	1.479	1.572	5.79	AS3419-75	5.251	4.605	4.698	12.84
AS3419-26	2.188	1.542	1.635	5.93	AS3419-76	5.313	4.667	4.760	12.98
AS3419-27	2.251	1.605	1.698	6.07	AS3419-77	5.375	4.729	4.822	13.12
AS3419-28	2.313	1.667	1.760	6.21	AS3419-78	5.438	4.792	4.885	13.26
AS3419-29	2.375	1.729	1.822	6.35	AS3419-79	5.501	4.855	4.948	13.40
AS3419-30	2.438	1.792	1.885	6.49	AS3419-80	5.563	4.917	5.010	13.54
AS3419-31	2.501	1.855	1.948	6.64	AS3419-81	5.625	4.979	5.072	13.68
AS3419-32	2.563	1.917	2.010	6.78	AS3419-82	5.688	5.042	5.135	13.83
AS3419-33	2.625	1.979	2.072	6.92					
AS3419-34	2.688	2.042	2.135	7.06					
AS3419-35	2.751	2.105	2.198	7.20					
AS3419-36	2.813	2.167	2.260	7.34					
AS3419-37	2.875	2.229	2.322	7.48					
AS3419-38	2.938	2.292	2.385	7.62					
AS3419-39	3.001	2.355	2.448	7.76					
AS3419-40	3.063	2.417	2.510	7.91					
AS3419-41	3.125	2.479	2.572	8.04					
AS3419-42	3.188	2.542	2.635	8.19					
AS3419-43	3.251	2.605	2.698	8.33					
AS3419-44	3.313	2.667	2.760	8.47					
AS3419-45	3.375	2.729	2.822	8.61					
AS3419-46	3.438	2.792	2.885	8.75					
AS3419-47	3.501	2.855	2.948	8.89					
AS3419-48	3.563	2.917	3.010	9.03					
AS3419-49	3.625	2.979	3.072	9.17					
AS3419-50	3.688	3.042	3.135	9.32					
AS3419-51	3.751	3.105	3.198	9.46					
AS3419-52	3.813	3.167	3.260	9.60					