

RATIONALE

WRENCHING CONFIGURATION PER AS870-12 FOR THIS DISTANCE

.3750 NOM

250/

Ø .510
.490

MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION PER AS478 CLASS A EXCEPT EDGE DISTANCE REQUIREMENTS DO NOT APPLY

.008 B

.008 B

CHAMFER 28°- 32° TO Ø .365-.385

35° MIN TO ROOT OF DOUBLE HEX

Ø .460 MIN BEARING SURFACE

CR .025
.015

32/

250/

.070 MIN

.166 MIN

.348
.328

C

L

K

G

THREAD RUNOUT PER AS3062

250/

45° APPROX

.022 MIN

Ø .259
.239

Ø .3120
.3110

.3125-24 UNJF-3A MOD
MAJOR DIA .3053-.3100 MOD
PER AS8879

Ø .001/1
.002 A

B /1/

Ø .001 (M) C B (M)

.225
.166

SHAPE OPTIONAL IN THIS AREA

250/

5° MAX

Ø .216
.196

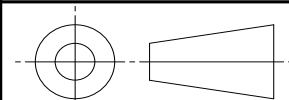
32/

SECTION THRU HEAD

SECTION THRU THREAD PROFILE

FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION: AS7467 /3/



Documents

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
AS3419-03	.751	.105	.198	2.69	AS3419-53	3.875	3.229	3.322	9.74
AS3419-04	.813	.167	.260	2.83	AS3419-54	3.938	3.292	3.385	9.88
AS3419-05	.875	.229	.322	2.97	AS3419-55	4.001	3.355	3.448	10.02
AS3419-06	.938	.292	.385	3.11	AS3419-56	4.063	3.417	3.510	10.16
AS3419-07	1.001	.355	.448	3.25	AS3419-57	4.125	3.479	3.572	10.30
AS3419-08	1.063	.417	.510	3.40	AS3419-58	4.188	3.542	3.635	10.44
AS3419-09	1.125	.479	.572	3.53	AS3419-59	4.251	3.605	3.698	10.58
AS3419-10	1.188	.542	.635	3.68	AS3419-60	4.313	3.667	3.760	10.72
AS3419-11	1.251	.605	.698	3.82	AS3419-61	4.375	3.729	3.822	10.86
AS3419-12	1.313	.667	.760	3.96	AS3419-62	4.438	3.792	3.885	11.00
AS3419-13	1.375	.729	.822	4.10	AS3419-63	4.501	3.855	3.948	11.15
AS3419-14	1.438	.792	.885	4.24	AS3419-64	4.563	3.917	4.010	11.29
AS3419-15	1.501	.855	.948	4.38	AS3419-65	4.625	3.979	4.072	11.43
AS3419-16	1.563	.917	1.010	4.52	AS3419-66	4.688	4.042	4.135	11.57
AS3419-17	1.625	.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					



AEROSPACE STANDARD

BOLT, MACHINE, DOUBLE HEXAGON EXTENDED
WASHER HEAD, CLOSE TOL. SHANK, UNS N07718,
185 KSI MIN, .3125-24 UNJF-3A
(STRESS RUPTURE RESISTANT)

AS3419™
SHEET 2 OF 3

REV.



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