

REV.  
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AS3160

RATIONALE

REVISE THREAD SPECIFICATION TO AS8879. REVISE LIGHTENING HOLE CONFIGURATION TO ALLOW OPTIONAL SHAPE AT BOTTOM OF HOLE. DELETE .015 RAD AT BASE OF WRENCH PAD. UPDATE FPI REQUIREMENTS. ADD SURFACE FINISH REQUIREMENTS TO BOLT HEAD AND AS3062 FOR THREAD RUNOUT. UPDATE ANSI Y14.5-1973 TO ANSI Y14.5M-1982. DELETE DUAL DIMENSIONING. GENERAL EDITORIAL UPDATE. REFERENCES UPDATED. FIGURE 1 REDRAWN.

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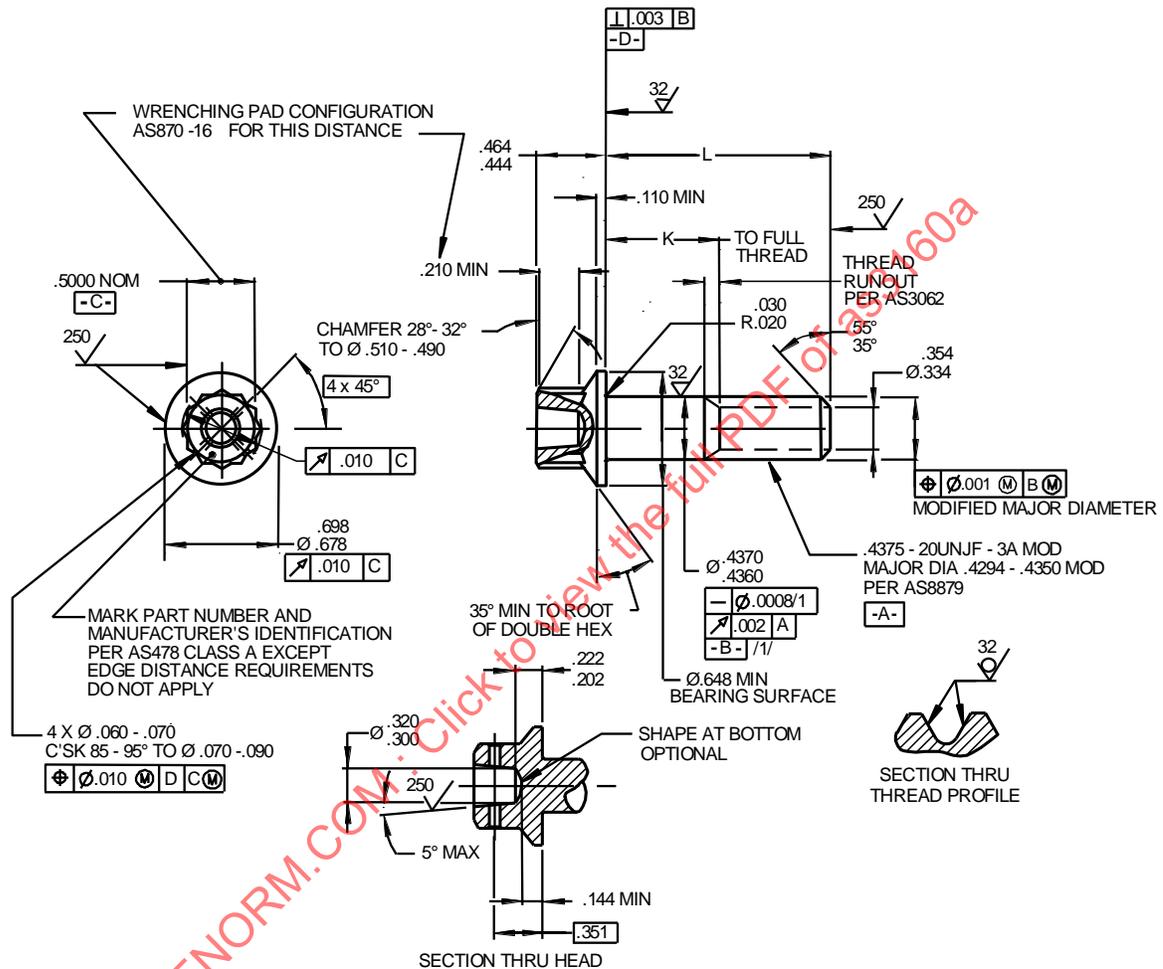
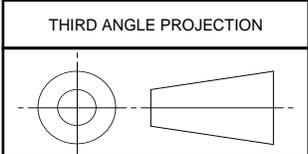


FIGURE 1

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7461



**AEROSPACE STANDARD**

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, CLOSE TOLERANCE SHANK, AMS4967, .4375-20 UNJF-3A

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TABLE 1

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100	PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3160-03	.885	.088	.198	3.51	AS3160-41	3.259	2.462	2.572	9.31
AS3160-04	.947	.150	.260	3.67	AS3160-42	3.322	2.525	2.635	9.46
AS3160-05	1.009	.212	.322	3.81	AS3160-43	3.385	2.588	2.698	9.62
AS3160-06	1.072	.275	.385	3.97	AS3160-44	3.447	2.650	2.760	9.77
AS3160-07	1.135	.338	.448	4.13	AS3160-45	3.509	2.712	2.822	9.91
AS3160-08	1.197	.400	.510	4.28	AS3160-46	3.572	2.775	2.885	10.07
AS3160-09	1.259	.462	.572	4.43	AS3160-47	3.635	2.838	2.948	10.23
AS3160-10	1.322	.525	.635	4.58	AS3160-48	3.697	2.900	3.010	10.37
AS3160-11	1.385	.588	.698	4.74	AS3160-49	3.759	2.962	3.072	10.53
AS3160-12	1.447	.650	.760	4.88	AS3160-50	3.822	3.025	3.135	10.69
AS3160-13	1.509	.712	.822	5.04	AS3160-51	3.885	3.088	3.198	10.84
AS3160-14	1.572	.775	.885	5.19	AS3160-52	3.947	3.150	3.260	10.98
AS3160-15	1.635	.838	.948	5.35	AS3160-53	4.009	3.212	3.322	11.14
AS3160-16	1.697	.900	1.010	5.50	AS3160-54	4.072	3.275	3.385	11.30
AS3160-17	1.759	.962	1.072	5.65	AS3160-55	4.135	3.338	3.448	11.44
AS3160-18	1.822	1.025	1.135	5.81	AS3160-56	4.197	3.400	3.510	11.60
AS3160-19	1.885	1.088	1.198	5.95	AS3160-57	4.259	3.462	3.572	11.75
AS3160-20	1.947	1.150	1.260	6.10	AS3160-58	4.322	3.525	3.635	11.91
AS3160-21	2.009	1.212	1.322	6.26	AS3160-59	4.385	3.588	3.698	12.05
AS3160-22	2.072	1.275	1.385	6.41	AS3160-60	4.447	3.650	3.760	12.21
AS3160-23	2.135	1.338	1.448	6.57	AS3160-61	4.509	3.712	3.822	12.35
AS3160-24	2.197	1.400	1.510	6.72	AS3160-62	4.572	3.775	3.885	12.51
AS3160-25	2.259	1.462	1.572	6.88	AS3160-63	4.635	3.838	3.948	12.67
AS3160-26	2.322	1.525	1.635	7.02	AS3160-64	4.697	3.900	4.010	12.82
AS3160-27	2.385	1.588	1.698	7.17	AS3160-65	4.759	3.962	4.072	12.97
AS3160-28	2.247	1.650	1.760	7.33	AS3160-66	4.822	4.025	4.135	13.12
AS3160-29	2.509	1.712	1.822	7.48	AS3160-67	4.885	4.088	4.198	13.28
AS3160-30	2.572	1.775	1.885	7.63	AS3160-68	4.947	4.150	4.260	13.42
AS3160-31	2.635	1.838	1.948	7.79	AS3160-69	5.009	4.212	4.322	13.58
AS3160-32	2.697	1.900	2.010	7.94	AS3160-70	5.072	4.275	4.385	13.73
AS3160-33	2.759	1.962	2.072	8.09	AS3160-71	5.135	4.388	4.448	13.89
AS3160-34	2.822	2.025	2.135	8.24	AS3160-72	5.197	4.400	4.510	14.04
AS3160-35	2.885	2.088	2.198	8.39	AS3160-73	5.259	4.462	4.572	14.19
AS3160-36	2.947	2.150	2.260	8.55	AS3160-74	5.322	4.525	4.635	14.35
AS3160-37	3.009	2.212	2.322	8.70	AS3160-75	5.385	4.588	4.698	14.49
AS3160-38	3.072	2.275	2.385	8.86	AS3160-76	5.447	4.650	4.760	14.65
AS3160-39	3.135	2.338	2.448	9.00	AS3160-77	5.509	4.712	4.822	14.80
AS3160-40	3.197	2.400	2.510	9.16	AS3160-78	5.572	4.775	4.885	14.95


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