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REV.
A

SAE AS3152

FEDERAL SUPPLY CLASS
5306

RATIONALE

REVISE THREAD SPECIFICATION TO AS8879. REVISE LIGHTENING HOLE CONFIGURATION (ADD SECTION VIEW) TO ALLOW OPTIONAL SHAPE AT BOTTOM OF HOLE, DELETE .015 MAX RADIUS AT BASE OF WRENCH PAD, UPDATE FPI REQUIREMENTS, ADD SURFACE FINISH REQUIREMENTS TO BOLT HEAD, ADD AS3062 FOR THREAD RUNOUT, UPDATE TO ANSI Y14.5M-1982, DELETE METRIC DIMENSIONS, UPDATE ANSI Y14.5-1973 TO ANSI Y14.5M-1982, GENERAL EDITORIAL UPDATE, REFERENCES UPDATED AND FIGURE 1 REDRAWN.

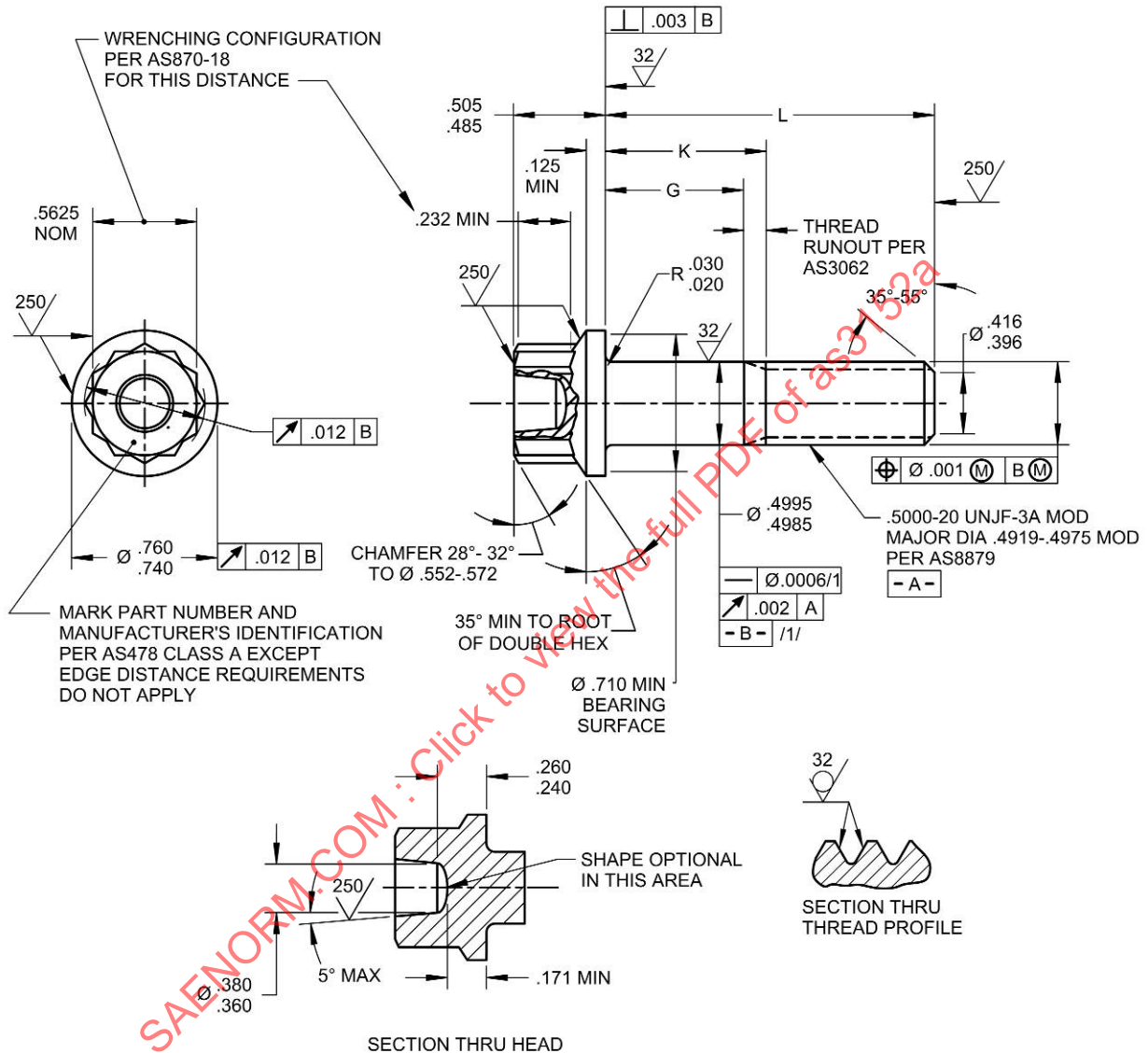
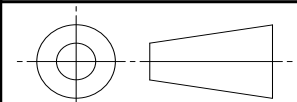


FIGURE 1 - BOLT

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7461 /8/

SAE Aerospace
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AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, CLOSE TOLERANCE SHANK,
AMS4967 (UNS R56400), 160 KSI, .5000-20 UNJF-3A

SAE AS3152
SHEET 1 OF 3

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ISSUED 1976-11 REAFFIRMED 2004-07 REVISED 2013-06

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100
AS3152-03	.974-.994	.088	.198	4.88	AS3152-45	3.598-3.618	2.712	2.822	13.25
AS3152-04	1.036-1.056	.150	.260	5.09	AS3152-46	3.661-3.681	2.775	2.885	13.46
AS3152-05	1.098-1.118	.212	.322	5.27	AS3152-47	3.724-3.744	2.838	2.948	13.65
AS3152-06	1.161-1.181	.275	.385	5.48	AS3152-48	3.786-3.806	2.900	3.010	13.86
AS3152-07	1.224-1.244	.338	.448	5.68	AS3152-49	3.848-3.868	2.962	3.072	14.06
AS3152-08	1.286-1.306	.400	.510	5.88	AS3152-50	3.911-3.931	3.025	3.135	14.25
AS3152-09	1.348-1.368	.462	.572	6.07	AS3152-51	3.974-3.994	3.088	3.198	14.46
AS3152-10	1.411-1.431	.525	.635	6.28	AS3152-52	4.036-4.056	3.150	3.260	14.65
AS3152-11	1.474-1.494	.588	.698	6.48	AS3152-53	4.098-4.118	3.212	3.322	14.84
AS3152-12	1.534-1.554	.650	.760	6.68	AS3152-54	4.161-4.181	3.275	3.385	15.05
AS3152-13	1.598-1.618	.712	.822	6.88	AS3152-55	4.224-4.244	3.338	3.448	15.26
AS3152-14	1.661-1.681	.775	.885	7.08	AS3152-56	4.286-4.306	3.400	3.510	15.45
AS3152-15	1.724-1.744	.838	.948	7.28	AS3152-57	4.348-4.368	3.462	3.572	15.65
AS3152-16	1.786-1.806	.900	1.010	7.48	AS3152-58	4.411-4.431	3.525	3.635	15.85
AS3152-17	1.848-1.868	.962	1.072	7.68	AS3152-59	4.474-4.494	3.588	3.698	16.05
AS3152-18	1.911-1.931	1.025	1.135	7.87	AS3152-60	4.536-4.556	3.650	3.760	16.25
AS3152-19	1.974-1.994	1.088	1.198	8.08	AS3152-61	4.598-4.618	3.712	3.822	16.45
AS3152-20	2.036-2.056	1.150	1.260	8.27	AS3152-62	4.661-4.681	3.775	3.885	16.65
AS3152-21	2.098-2.118	1.212	1.322	8.47	AS3152-63	4.724-4.744	3.838	3.948	16.85
AS3152-22	2.161-2.181	1.275	1.385	8.67	AS3152-64	4.786-4.806	3.900	4.010	17.04
AS3152-23	2.224-2.244	1.338	1.448	8.87	AS3152-65	4.848-4.868	3.962	4.072	17.25
AS3152-24	2.286-2.306	1.400	1.510	9.07	AS3152-66	4.911-4.931	4.025	4.135	17.44
AS3152-25	2.348-2.368	1.462	1.572	9.27	AS3152-67	4.974-4.994	4.088	4.198	17.65
AS3152-26	2.411-2.431	1.525	1.635	9.48	AS3152-68	5.036-5.056	4.150	4.260	17.85
AS3152-27	2.474-2.494	1.588	1.698	9.67	AS3152-69	5.098-5.118	4.212	4.322	18.04
AS3152-28	2.534-2.554	1.650	1.760	9.86	AS3152-70	5.161-5.181	4.275	4.385	18.25
AS3152-29	2.598-2.618	1.712	1.822	10.07	AS3152-71	5.224-5.244	4.338	4.448	18.44
AS3152-30	2.661-2.681	1.775	1.885	10.27	AS3152-72	5.286-5.306	4.400	4.510	18.63
AS3152-31	2.724-2.744	1.838	1.948	10.47	AS3152-73	5.348-5.368	4.462	4.572	18.84
AS3152-32	2.786-2.806	1.900	2.010	10.67	AS3152-74	5.411-5.431	4.525	4.635	19.05
AS3152-33	2.848-2.868	1.962	2.072	10.86	AS3152-75	5.474-5.494	4.588	4.698	19.24
AS3152-34	2.911-2.931	2.025	2.135	11.07	AS3152-76	5.536-5.556	4.650	4.760	19.44
AS3152-35	2.974-2.994	2.088	2.198	11.27					
AS3152-36	3.034-3.054	2.150	2.260	11.46					
AS3152-37	3.098-3.118	2.212	2.322	11.66					
AS3152-38	3.161-3.181	2.275	2.385	11.86					
AS3152-39	3.224-3.244	2.338	2.448	12.06					
AS3152-40	3.286-3.306	2.400	2.510	12.26					
AS3152-41	3.348-3.368	2.462	2.572	12.46					
AS3152-42	3.411-3.431	2.525	2.635	12.66					
AS3152-43	3.474-3.494	2.588	2.698	12.86					
AS3152-44	3.534-3.554	2.650	2.760	13.06					