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REV.
A

AS3167

FEDERAL SUPPLY CLASS

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, REVISE COLD ROLLING NOTE, UPDATE TO ANSI Y14.5M-1982, DELETE METRIC DIMENSIONS, GENERAL EDITORIAL UPDATE, REFERENCES UPDATED AND FIGURE 1 REDRAWN.

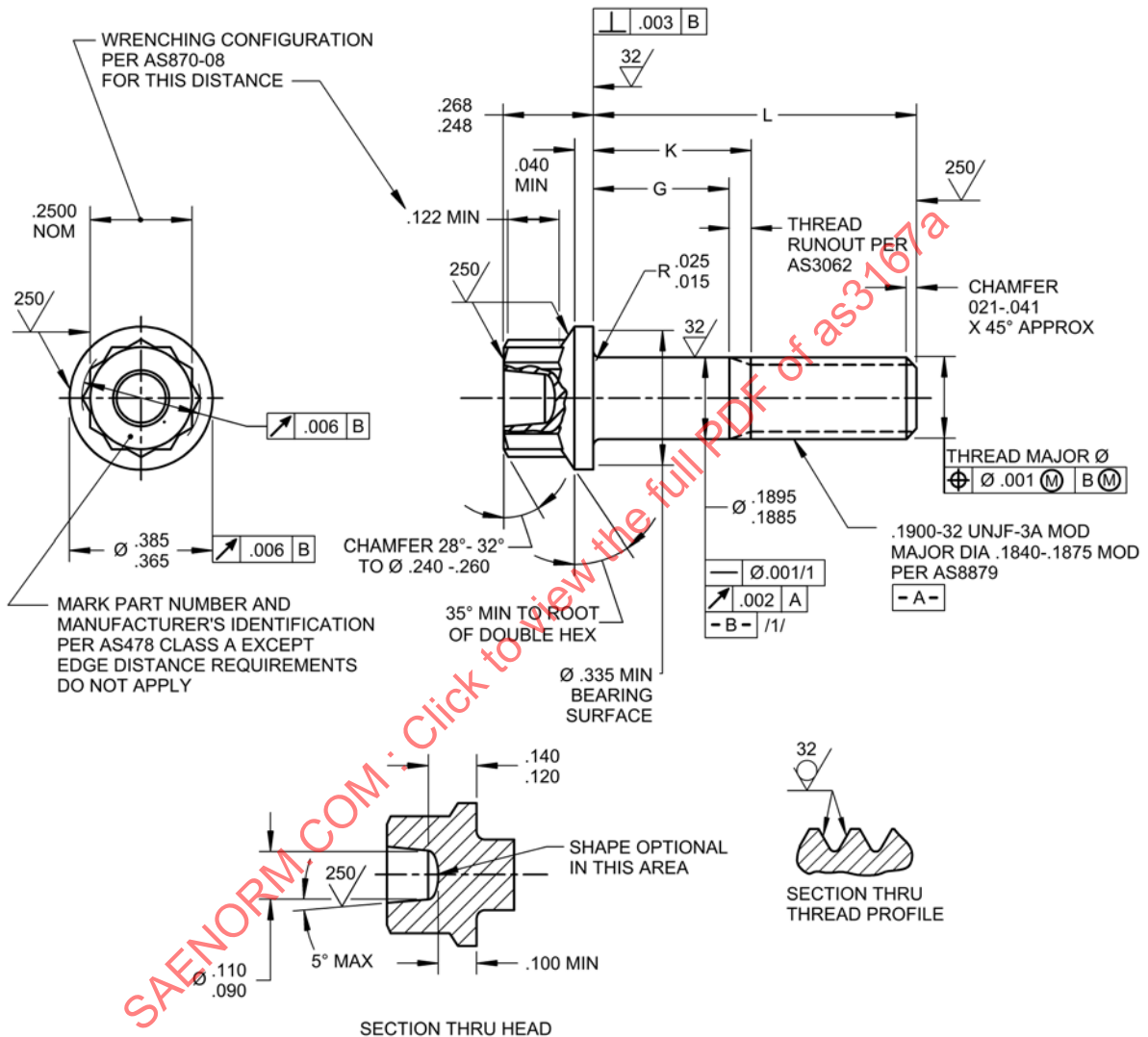


FIGURE 1 - BOLT

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THIRD ANGLE PROJECTION

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION AS7474 /8/



AEROSPACE STANDARD

BOLT, MACHINE-DOUBLE HEX EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, CORROSION RESISTANT STEEL (UNS S17400), 140 KSI UTS MIN, .1900-32, UNJF-3A

AS3167
SHEET 1 OF 3

REV.
A

TABLE 1 - PART NUMBERS AND DIMENSION

PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100
AS3167-03	.597- .617	.126	.198	.87	AS3167-30	2.284-2.304	1.812	1.885	2.19
AS3167-04	.659- .679	.188	.260	.92	AS3167-31	2.347-2.367	1.876	1.948	2.24
AS3167-05	.721- .741	.250	.322	.96	AS3167-32	2.409-2.429	1.938	2.010	2.29
AS3167-06	.784- .804	.312	.385	1.02	AS3167-33	2.471-2.491	2.000	2.072	2.33
AS3167-07	.847- .867	.376	.448	1.07	AS3167-34	2.534-2.554	2.062	2.135	2.39
AS3167-08	.909- .929	.438	.510	1.12	AS3167-35	2.597-2.617	2.126	2.198	2.44
AS3167-09	.971- .991	.500	.572	1.16	AS3167-36	2.659-2.679	2.188	2.260	2.49
AS3167-10	1.034-1.054	.562	.635	1.21	AS3167-37	2.721-2.741	2.250	2.322	2.53
AS3167-11	1.097-1.117	.626	.698	1.26	AS3167-38	2.784-2.804	2.312	2.385	2.59
AS3167-12	1.159-1.179	.688	.760	1.30	AS3167-39	2.847-2.867	2.376	2.448	2.63
AS3167-13	1.221-1.241	.750	.822	1.36	AS3167-40	2.909-2.929	2.438	2.510	2.68
AS3167-14	1.284-1.304	.812	.885	1.41	AS3167-41	2.971-2.991	2.500	2.572	2.73
AS3167-15	1.347-1.367	.876	.948	1.46	AS3167-42	3.034-3.054	2.562	2.635	2.78
AS3167-16	1.409-1.429	.938	1.010	1.50	AS3167-43	3.097-3.117	2.626	2.698	2.83
AS3167-17	1.471-1.491	1.000	1.072	1.55	AS3167-44	3.159-3.179	2.688	2.760	2.87
AS3167-18	1.534-1.554	1.062	1.135	1.61	AS3167-45	3.221-3.241	2.750	2.822	2.92
AS3167-19	1.597-1.617	1.126	1.198	1.65	AS3167-46	3.284-3.304	2.812	2.885	2.98
AS3167-20	1.659-1.679	1.188	1.260	1.70	AS3167-47	3.347-3.367	2.876	2.948	3.02
AS3167-21	1.721-1.741	1.250	1.322	1.75	AS3167-48	3.409-3.429	2.938	3.010	3.07
AS3167-22	1.784-1.804	1.312	1.385	1.80	AS3167-49	3.471-3.491	3.000	3.072	3.12
AS3167-23	1.847-1.877	1.376	1.448	1.85	AS3167-50	3.534-3.554	3.062	3.135	3.18
AS3167-24	1.909-1.929	1.438	1.510	1.90	AS3167-51	3.597-3.617	3.126	3.198	3.22
AS3167-25	1.971-1.991	1.500	1.572	1.95	AS3167-52	3.659-3.679	3.188	3.260	3.27
AS3167-26	2.034-2.054	1.562	1.635	1.99	AS3167-53	3.721-3.741	3.250	3.322	3.32
AS3167-27	2.097-2.117	1.626	1.698	2.04	AS3167-54	3.784-3.804	3.312	3.385	3.36
AS3167-28	2.159-2.179	1.688	1.760	2.09	AS3167-55	3.847-3.867	3.376	3.448	3.41
AS3167-29	2.221-2.241	1.750	1.822	2.14					

NOTES:

- 1/ FOR PART NUMBERS AS3167-03 THRU AS3167-05 DATUM **A** SHALL REPLACE DATUM **B**.
2. MATERIAL: AMS5643 (CORROSION RESISTANT STEEL, SIMILAR TO UNS S17400).
3. PROCUREMENT SPECIFICATION: AS7474.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra EXCEPT UPSET HEAD.
6. BREAK SHARP EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS IN INCHES.

	AEROSPACE STANDARD	AS3167 SHEET 2 OF 3	REV. A
	BOLT, MACHINE - DOUBLE HEX EXTENDED WASHER HEAD, CLOSE TOLERANCE SHANK, CORROSION RESISTANT STEEL (UNS S17400), 140 KSI UTS MIN, .1900-32, UNJF-3A		