

RATIONALE

REVISE LEAD THREAD CHAMFER TO AS1132, REVISE DIMENSION FROM BEARING FACE TO DRILL POINT PER AS1132, ADD RUNOUT REQUIREMENT TO BEARING FACE, ADD NOTE FOR DISPOSITION OF EXISTING INVENTORY, GENERAL FORMAT AND EDITORIAL UPDATES.

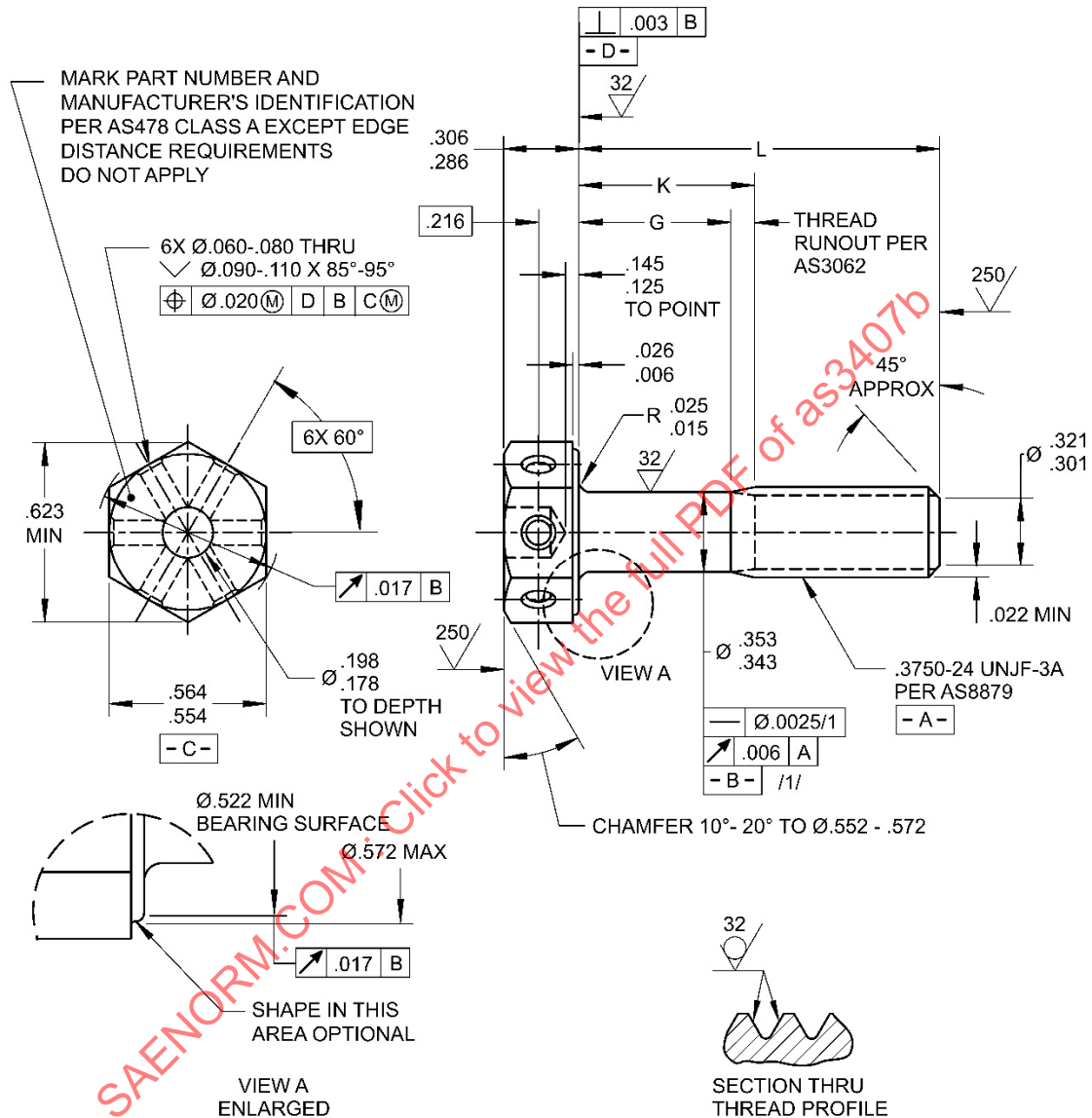
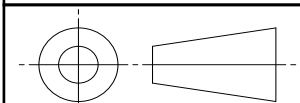


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3407B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD,
DRILLED 6 HOLES, PD SHANK, NICKEL ALLOY
UNS N07001, .3750-24 UNJF-3A

AS3407™
SHEET 1 OF 3

REV.
B

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
AS3407-03	.552-.572	.025	.108	3.66	AS3407-33	2.865-2.885	1.732	1.875	10.19
AS3407-04	.615-.635	.025	.108	3.84	AS3407-34	2.990-3.010	1.857	2.000	10.55
AS3407-05	.678-.698	.025	.108	4.02	AS3407-35	3.115-3.135	1.982	2.125	10.90
AS3407-06	.740-.760	.025	.108	4.19	AS3407-36	3.240-3.260	2.107	2.250	11.25
AS3407-07	.802-.822	.025	.108	4.37	AS3407-37	3.365-3.385	2.232	2.375	11.61
AS3407-08	.865-.885	.025	.108	4.54	AS3407-38	3.490-3.510	2.357	2.500	11.96
AS3407-09	.928-.948	.025	.108	4.72	AS3407-39	3.615-3.635	2.482	2.625	12.32
AS3407-10	.990-1.010	.025	.108	4.90	AS3407-40	3.740-3.760	2.607	2.750	12.67
AS3407-11	1.052-1.072	.025	.108	5.07	AS3407-41	3.865-3.885	2.732	2.875	13.02
AS3407-12	1.115-1.135	.025	.125	5.25	AS3407-42	3.990-4.010	2.857	3.000	13.37
AS3407-13	1.178-1.198	.045	.188	5.42	AS3407-43	4.115-4.135	2.982	3.125	13.72
AS3407-14	1.240-1.260	.107	.250	5.61	AS3407-44	4.240-4.260	3.107	3.250	14.08
AS3407-15	1.302-1.322	.169	.312	5.78	AS3407-45	4.365-4.385	3.232	3.375	14.44
AS3407-16	1.365-1.385	.232	.375	5.96	AS3407-46	4.490-4.510	3.357	3.500	14.79
AS3407-17	1.428-1.448	.295	.438	6.14	AS3407-47	4.615-4.635	3.482	3.625	15.14
AS3407-18	1.490-1.510	.357	.500	6.31	AS3407-48	4.740-4.760	3.607	3.750	15.49
AS3407-19	1.552-1.572	.419	.562	6.49	AS3407-49	4.865-4.885	3.732	3.875	15.84
AS3407-20	1.615-1.635	.482	.625	6.66	AS3407-50	4.990-5.010	3.857	4.000	16.20
AS3407-21	1.678-1.698	.545	.688	6.84	AS3407-51	5.115-5.135	3.982	4.125	16.55
AS3407-22	1.740-1.760	.607	.750	7.02	AS3407-52	5.240-5.260	4.107	4.250	16.90
AS3407-23	1.802-1.822	.669	.812	7.19	AS3407-53	5.365-5.385	4.232	4.375	17.26
AS3407-24	1.865-1.885	.732	.875	7.37	AS3407-54	5.490-5.510	4.357	4.500	17.62
AS3407-25	1.928-1.948	.795	.938	7.54	AS3407-55	5.615-5.635	4.482	4.625	17.97
AS3407-26	1.990-2.010	.857	1.000	7.72	AS3407-56	5.740-5.760	4.607	4.750	18.32
AS3407-27	2.115-2.135	.982	1.125	8.07	AS3407-57	5.865-5.885	4.732	4.875	18.67
AS3407-28	2.240-2.260	1.107	1.250	8.43	AS3407-58	5.990-6.010	4.857	5.000	19.02
AS3407-29	2.365-2.385	1.232	1.375	8.79					
AS3407-30	2.490-2.510	1.357	1.500	9.14					
AS3407-31	2.615-2.635	1.482	1.625	9.49					
AS3407-32	2.740-2.760	1.607	1.750	9.84					

NOTES:

- 1/ FOR PART NUMBERS AS3407-03 THRU AS3407-21, DATUM A SHALL REPLACE DATUM B.
2. MATERIAL: AMS5708 CORROSION AND HEAT RESISTANT NICKEL ALLOY (COMPOSITION SIMILAR TO UNS N07001).
3. PROCUREMENT SPECIFICATION: AS7471.
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. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra, EXCEPT UPSET HEAD TO BE 250 MICROINCHES Ra.
6. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: ANGULAR DIMENSIONS $\pm 5^\circ$.
8. DIMENSIONS AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).

	AEROSPACE STANDARD	AS3407™ SHEET 2 OF 3	REV. B
	BOLT, MACHINE - HEXAGON HEAD, DRILLED 6 HOLES, PD SHANK, NICKEL ALLOY UNS N07001, .3750-24 UNJF-3A		