

NOTICE

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPLS HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

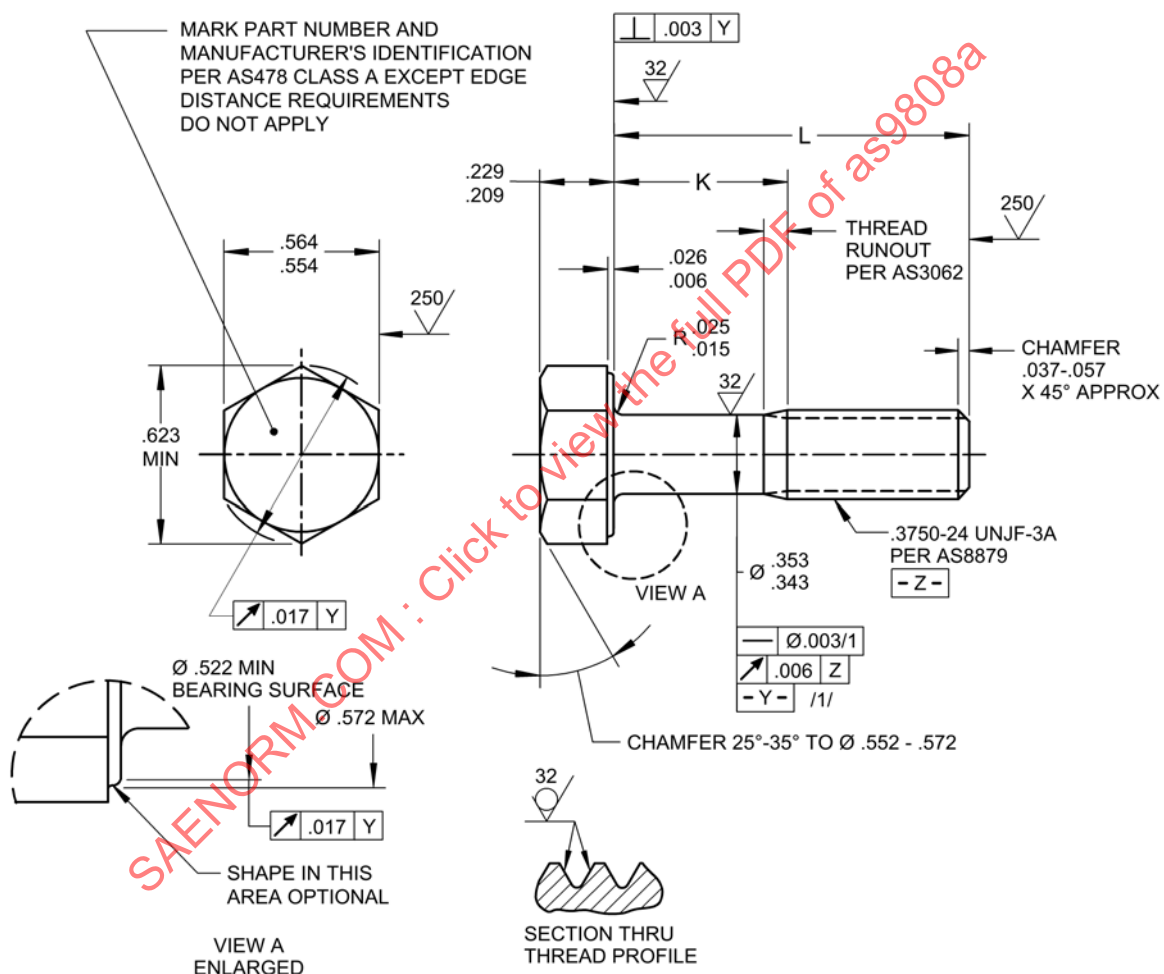
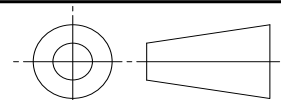


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9808A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474



AEROSPACE STANDARD

(R) BOLT, MACHINE - HEXAGON HEAD, PD SHANK,
CORROSION RESISTANT STEEL (UNS S17400)
140 KSI UTS MIN, .3750-24 UNJF-3A

AS9808
SHEET 1 OF 3

REV.
A

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9808-03	.552-.572	.088-.108	3.17	MS9808-33	2.865-2.885	1.815-1.875	9.37
MS9808-04	.615-.635	.088-.108	3.34	MS9808-34	2.990-3.010	1.940-2.000	9.70
MS9808-05	.678-.698	.088-.108	3.51	MS9808-35	3.115-3.135	2.065-2.125	10.04
MS9808-06	.740-.760	.088-.108	3.68	MS9808-36	3.240-3.260	2.190-2.250	10.37
MS9808-07	.802-.822	.088-.108	3.84	MS9808-37	3.365-3.385	2.315-2.375	10.71
MS9808-08	.865-.885	.088-.108	4.01	MS9808-38	3.490-3.510	2.440-2.500	11.05
MS9808-09	.928-.948	.088-.108	4.18	MS9808-39	3.615-3.635	2.565-2.625	11.37
MS9808-10	.990-1.010	.088-.108	4.35	MS9808-40	3.740-3.760	2.690-2.750	11.71
MS9808-11	1.052-1.072	.088-.108	4.51	MS9808-41	3.865-3.885	2.815-2.875	12.04
MS9808-12	1.115-1.135	.088-.125	4.68	MS9808-42	3.990-4.010	2.940-3.000	12.38
MS9808-13	1.178-1.198	.128-.188	4.85	MS9808-43	4.115-4.135	3.065-3.125	12.72
MS9808-14	1.240-1.260	.190-.250	5.02	MS9808-44	4.240-4.260	3.190-3.250	13.05
MS9808-15	1.302-1.322	.252-.312	5.19	MS9808-45	4.365-4.385	3.315-3.375	13.39
MS9808-16	1.365-1.385	.315-.375	5.35	MS9808-46	4.490-4.510	3.440-3.500	13.71
MS9808-17	1.428-1.448	.378-.438	5.52	MS9808-47	4.615-4.635	3.565-3.625	14.05
MS9808-18	1.490-1.510	.440-.500	5.69	MS9808-48	4.740-4.760	3.690-3.750	14.39
MS9808-19	1.552-1.572	.502-.562	5.86	MS9808-49	4.865-4.885	3.815-3.875	14.72
MS9808-20	1.615-1.635	.565-.625	6.03	MS9808-50	4.990-5.010	3.940-4.000	15.06
MS9808-21	1.678-1.698	.628-.688	6.19	MS9808-51	5.115-5.135	4.065-4.125	15.39
MS9808-22	1.740-1.760	.690-.750	6.35	MS9808-52	5.240-5.260	4.190-4.250	15.73
MS9808-23	1.802-1.822	.752-.812	6.52	MS9808-53	5.365-5.385	4.315-4.375	16.07
MS9808-24	1.865-1.885	.815-.875	6.69	MS9808-54	5.490-5.510	4.440-4.500	16.39
MS9808-25	1.928-1.948	.878-.938	6.85	MS9808-55	5.615-5.635	4.565-4.625	16.73
MS9808-26	1.990-2.010	.940-1.000	7.02	MS9808-56	5.740-5.760	4.690-4.750	17.06
MS9808-27	2.115-2.135	1.065-1.125	7.36	MS9808-57	5.865-5.885	4.815-4.875	17.40
MS9808-28	2.240-2.260	1.190-1.250	7.70	MS9808-58	5.990-6.010	4.940-5.000	17.74
MS9808-29	2.365-2.385	1.315-1.375	8.03				
MS9808-30	2.490-2.510	1.440-1.500	8.37				
MS9808-31	2.615-2.635	1.565-1.625	8.70				
MS9808-32	2.740-2.760	1.690-1.750	9.03				

NOTES:

- 1/ FOR PART NUMBERS MS9808-3 THRU MS9808-19 DATUM **Z** SHALL REPLACE DATUM **Y**.
2. PROCUREMENT SPECIFICATION: AS7474.
3. MATERIAL: AMS5643 CORROSION RESISTANT STEEL (COMPOSITION SIMILAR TO UNS S17400).
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 AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
8. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
9. DO NOT USE UNASSIGNED PART NUMBERS.

	AEROSPACE STANDARD	AS9808 SHEET 2 OF 3	REV. A
	(R) BOLT, MACHINE - HEXAGON HEAD, PD SHANK, CORROSION RESISTANT STEEL (UNS S17400) 140 KSI UTS MIN, .3750-24 UNJF-3A		