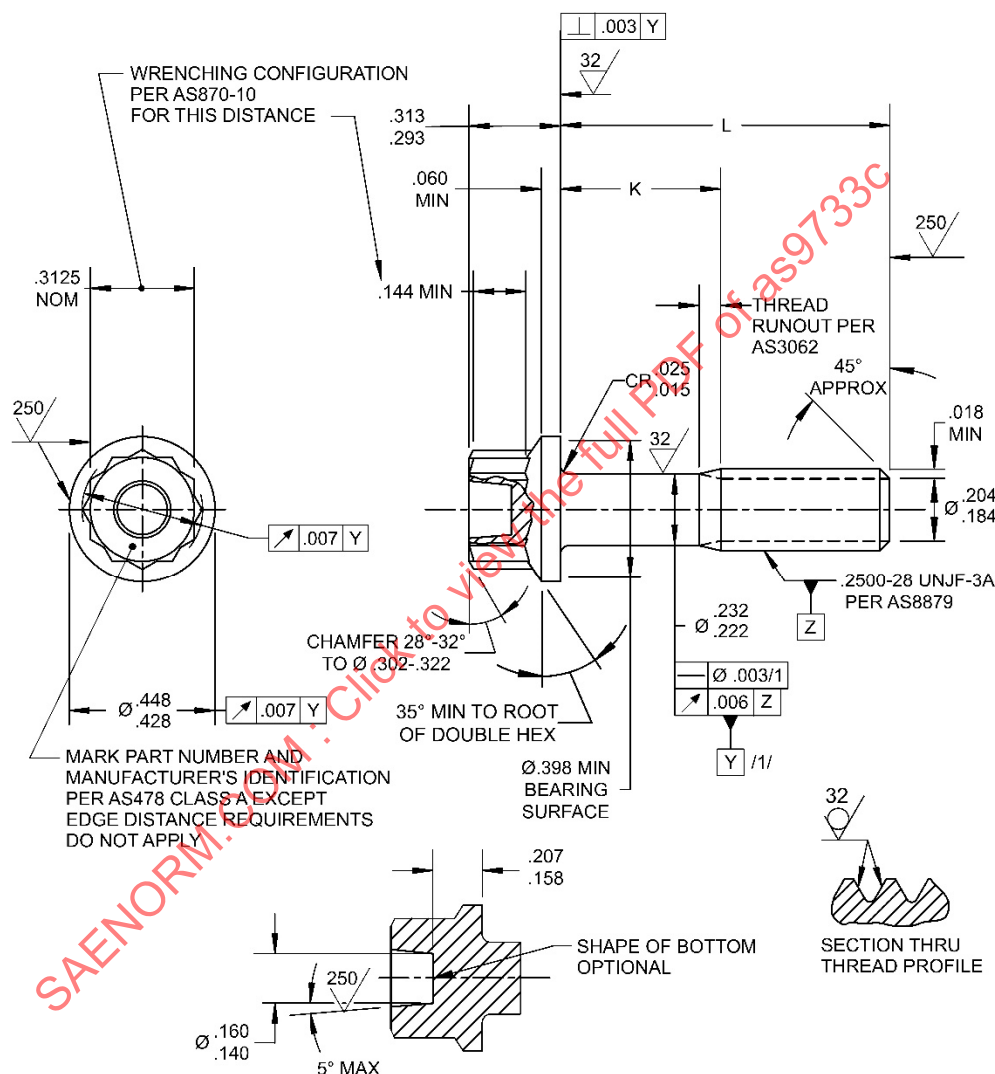


NOTICE

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

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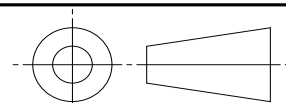


SECTION THRU HEAD

FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9733C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7474



AEROSPACE STANDARD

BOLT, MACHINE-DOUBLE HEXAGON,
EXTENDED WASHER HEAD, PD SHANK,
CRES UNS S17400, .2500-28 UNJF-3A

AS9733™
SHEET 1 OF 3

REV.
C

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX MASS LB/100	PART NO.	L	K	APPROX MASS LB/100
MS9733-04	.365- .385	.079- .099	1.28	MS9733-34	2.615-2.635	1.815-1.875	3.83
MS9733-05	.428- .448	.079- .099	1.35	MS9733-35	2.740-2.760	1.940-2.000	3.97
MS9733-06	.490- .510	.079- .099	1.42	MS9733-36	2.865-2.885	2.065-2.125	4.12
MS9733-07	.552- .572	.079- .099	1.50	MS9733-37	2.990-3.010	2.190-2.250	4.26
MS9733-08	.615- .635	.079- .099	1.57	MS9733-38	3.115-3.135	2.315-2.375	4.40
MS9733-09	.678- .698	.079- .099	1.64	MS9733-39	3.240-3.260	2.440-2.500	4.54
MS9733-10	.740- .760	.079- .099	1.71	MS9733-40	3.365-3.385	2.565-2.625	4.68
MS9733-11	.802- .822	.079- .099	1.78	MS9733-41	3.490-3.510	2.690-2.750	4.82
MS9733-12	.865- .885	.079- .125	1.85	MS9733-42	3.615-3.635	2.815-2.875	4.96
MS9733-13	.928- .948	.128- .188	1.92	MS9733-43	3.740-3.760	2.940-3.000	5.11
MS9733-14	.990-1.010	.190- .250	1.99	MS9733-44	3.865-3.885	3.065-3.125	5.25
MS9733-15	1.052-1.072	.252- .312	2.06	MS9733-45	3.990-4.010	3.190-3.250	5.39
MS9733-16	1.115-1.135	.315- .375	2.13	MS9733-46	4.115-4.135	3.315-3.375	5.53
MS9733-17	1.178-1.198	.378- .438	2.20	MS9733-47	4.240-4.260	3.440-3.500	5.67
MS9733-18	1.240-1.260	.440- .500	2.27	MS9733-48	4.365-4.385	3.565-3.625	5.81
MS9733-19	1.302-1.322	.502- .562	2.34	MS9733-49	4.490-4.510	3.690-3.750	5.96
MS9733-20	1.365-1.385	.565- .625	2.42	MS9733-50	4.615-4.635	3.815-3.875	6.10
MS9733-21	1.428-1.448	.628- .688	2.49	MS9733-51	4.740-4.760	3.940-4.000	6.24
MS9733-22	1.490-1.510	.690- .750	2.56	MS9733-52	4.865-4.885	4.065-4.125	6.38
MS9733-23	1.552-1.572	.752- .812	2.63	MS9733-53	4.990-5.010	4.190-4.250	6.52
MS9733-24	1.615-1.635	.815- .875	2.70	MS9733-54	5.115-5.135	4.315-4.375	6.66
MS9733-25	1.678-1.698	.878- .938	2.77	MS9733-55	5.240-5.260	4.440-4.500	6.81
MS9733-26	1.740-1.760	.940-1.000	2.84	MS9733-56	5.365-5.385	4.565-4.625	6.95
MS9733-27	1.802-1.822	1.002-1.062	2.91	MS9733-57	5.490-5.510	4.690-4.750	7.09
MS9733-28	1.865-1.885	1.065-1.125	2.98	MS9733-58	5.615-5.635	4.815-4.875	7.23
MS9733-29	1.990-2.010	1.190-1.250	3.12	MS9733-59	5.740-5.760	4.940-5.000	7.37
MS9733-30	2.115-2.135	1.315-1.375	3.27	MS9733-60	5.865-5.885	5.065-5.125	7.51
MS9733-31	2.240-2.260	1.440-1.500	3.41	MS9733-61	5.990-6.010	5.190-5.250	7.66
MS9733-32	2.365-2.385	1.565-1.625	3.55				
MS9733-33	2.490-2.510	1.690-1.750	3.69				

NOTES:

- 1/ FOR PART NUMBERS MS9733-04 THROUGH MS9733-16, THE THREAD PD (DATUM **Z**) SHALL REPLACE DATUM **Y**.
2. MATERIAL: CORROSION RESISTANT STEEL AMS5643 (COMPOSITION SIMILAR TO UNS S17400).
3. PROCUREMENT SPECIFICATION: AS7474.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MINIMUM.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36. REQUIREMENTS PER ASME B46.1M. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.

	AEROSPACE STANDARD	AS9733™ SHEET 2 OF 3	REV. C
	BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD, PD SHANK, CRES UNS S17400. 2500-28 UNJF-3A		