

RATIONALE

FIGURE RERAWN TO LATEST STANDARD, USAGE NOTE ADDED, SPECS UPDATED.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9532, AMENDMENT 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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.

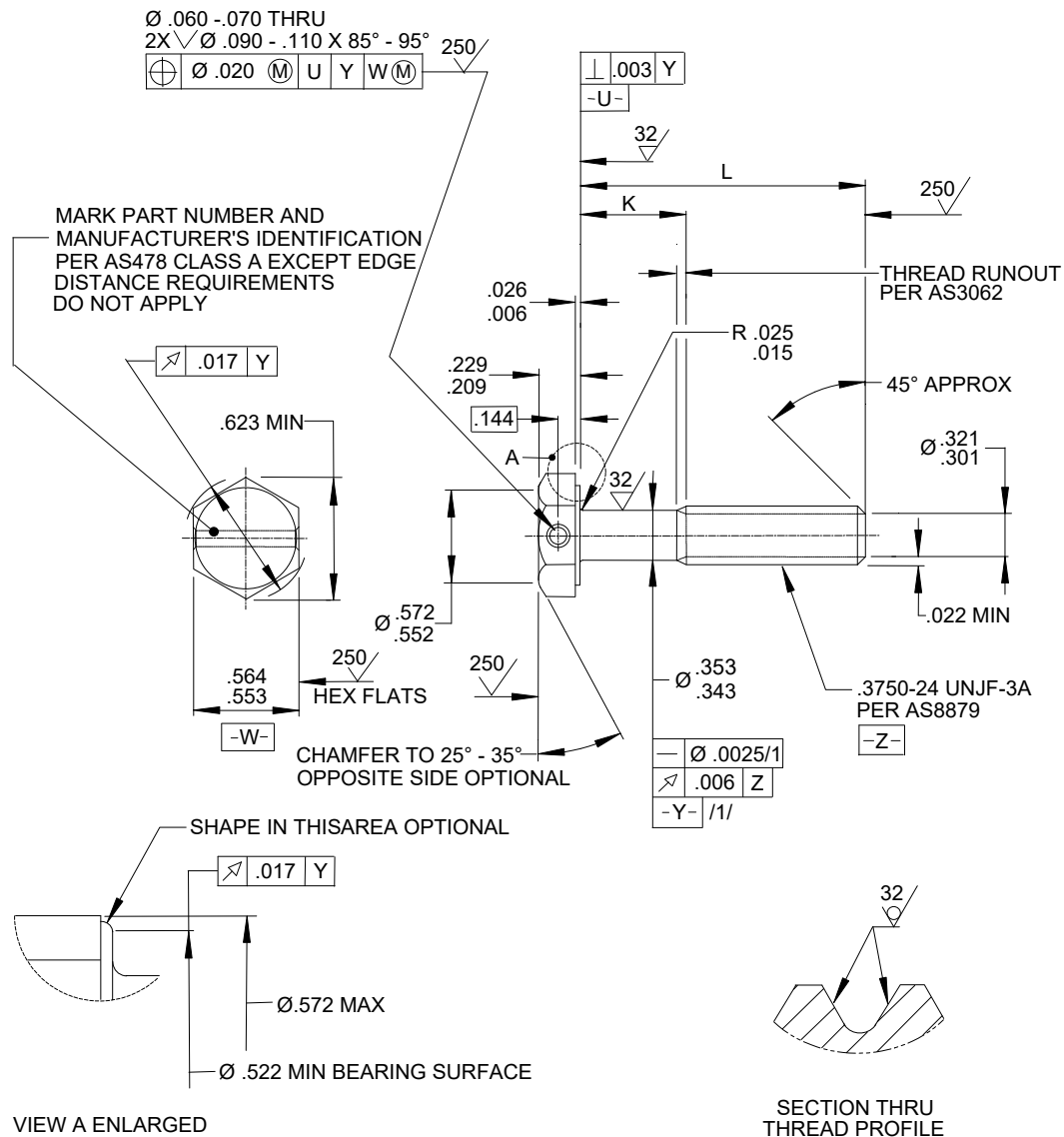
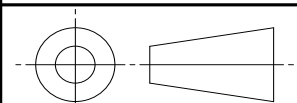


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9532C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452, SEE NOTE 3



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE,
CADIUM PLATED, STEEL UNS G87400, 125 KSI MIN,
.3750-24 UNJF-3A

AS9532™
SHEET 1 OF 3

REV.
C

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX MASS LB/100	PART NO.	L	K	APPROX MASS LB/100
MS9532-04	.615- .635	.088- .108	3.25	MS9532-31	2.865-2.885	1.815-1.875	9.41
MS9532-05	.678- .698	.088- .108	3.52	MS9532-32	2.990-3.010	1.940-2.000	9.74
MS9532-06	.740- .760	.088- .108	3.69	MS9532-33	3.115-3.135	2.065-2.125	10.08
MS9532-07	.802- .822	.088- .108	3.86	MS9532-34	3.240-3.260	2.190-2.250	10.41
MS9532-08	.865- .885	.088- .108	4.03	MS9532-35	3.365-3.385	2.315-2.375	10.75
MS9532-09	.928- .948	.088- .108	4.20	MS9532-36	3.490-3.510	2.440-2.500	11.09
MS9532-10	.990-1.010	.088- .108	4.37	MS9532-37	3.615-3.635	2.565-2.625	11.42
MS9532-11	1.052-1.072	.088- .108	4.53	MS9532-38	3.740-3.760	2.690-2.750	11.76
MS9532-12	1.115-1.135	.088- .125	4.70	MS9532-39	3.865-3.885	2.815-2.875	12.09
MS9532-13	1.178-1.198	.128- .188	4.87	MS9532-40	3.990-4.010	2.940-3.000	12.43
MS9532-14	1.240-1.260	.190- .250	5.04	MS9532-41	4.115-4.135	3.065-3.125	12.77
MS9532-15	1.302-1.322	.252- .312	5.21	MS9532-42	4.240-4.260	3.190-3.250	13.10
MS9532-16	1.365-1.385	.315- .375	5.37	MS9532-43	4.365-3.385	3.315-3.375	13.44
MS9532-17	1.428-1.448	.378- .438	5.54	MS9532-44	4.490-4.510	3.440-3.500	13.77
MS9532-18	1.490-1.510	.440- .500	5.71	MS9532-45	4.615-4.635	3.565-3.625	14.11
MS9532-19	1.552-1.572	.502- .562	5.88	MS9532-46	4.740-4.760	3.690-3.750	14.45
MS9532-20	1.615-1.635	.565- .625	6.05	MS9532-47	4.865-4.885	3.815-3.875	14.78
MS9532-21	1.678-1.698	.628- .688	6.21	MS9532-48	4.990-5.010	3.940-4.000	15.12
MS9532-22	1.740-1.760	.690- .750	6.38	MS9532-49	5.115-5.135	4.065-4.125	15.45
MS9532-23	1.865-1.885	.815- .875	6.72	MS9532-50	5.240-5.260	4.190-4.250	15.79
MS9532-24	1.990-2.010	.940-1.000	7.05	MS9532-51	5.365-5.385	4.315-4.375	16.13
MS9532-25	2.115-2.135	1.065-1.125	7.39	MS9532-52	5.490-5.510	4.440-4.500	16.46
MS9532-26	2.240-2.260	1.190-1.250	7.73	MS9532-53	5.615-5.635	4.565-4.625	16.80
MS9532-27	2.365-2.385	1.315-1.375	8.06	MS9532-54	5.740-5.760	4.690-4.750	17.13
MS9532-28	2.490-2.510	1.440-1.500	8.40	MS9532-55	5.865-5.885	4.815-4.875	17.47
MS9532-29	2.615-2.635	1.565-1.625	8.73	MS9532-56	5.990-6.010	4.940-5.000	17.81
MS9532-30	2.740-2.760	1.690-1.750	9.07				

NOTES:

NOTICE

THIS DOCUMENT REFERENCES PARTS WHICH CONTAIN CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE ANY QUESTIONS CONCERNING CADMIUM'S USE.

- FOR PART NUMBERS MS9532-04 THRU MS9532-21, THE THREAD PD DATUM **Z** SHALL REPLACE DATUM **Y**.
- MATERIAL: AMS6322 (SAE 8740 COMPOSITION SIMILAR TO UNS G87400).
- PROCUREMENT SPECIFICATION: AS7452, EXCEPT HEAD SHALL BE UPSET.
- FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
- MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M AFTER PLATING.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.

	AEROSPACE STANDARD		AS9532™ SHEET 2 OF 3	REV. C
	BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN, .3750-24 UNJF-3A			

 Documents



Documents

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