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REV.
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AS9532

RATIONALE

FIGURE REDRAWN, GENERAL UPDATING OF NOTES WHERE REQUIRED.

NOTICE

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

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) 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.

FEDERAL SUPPLY CLASS
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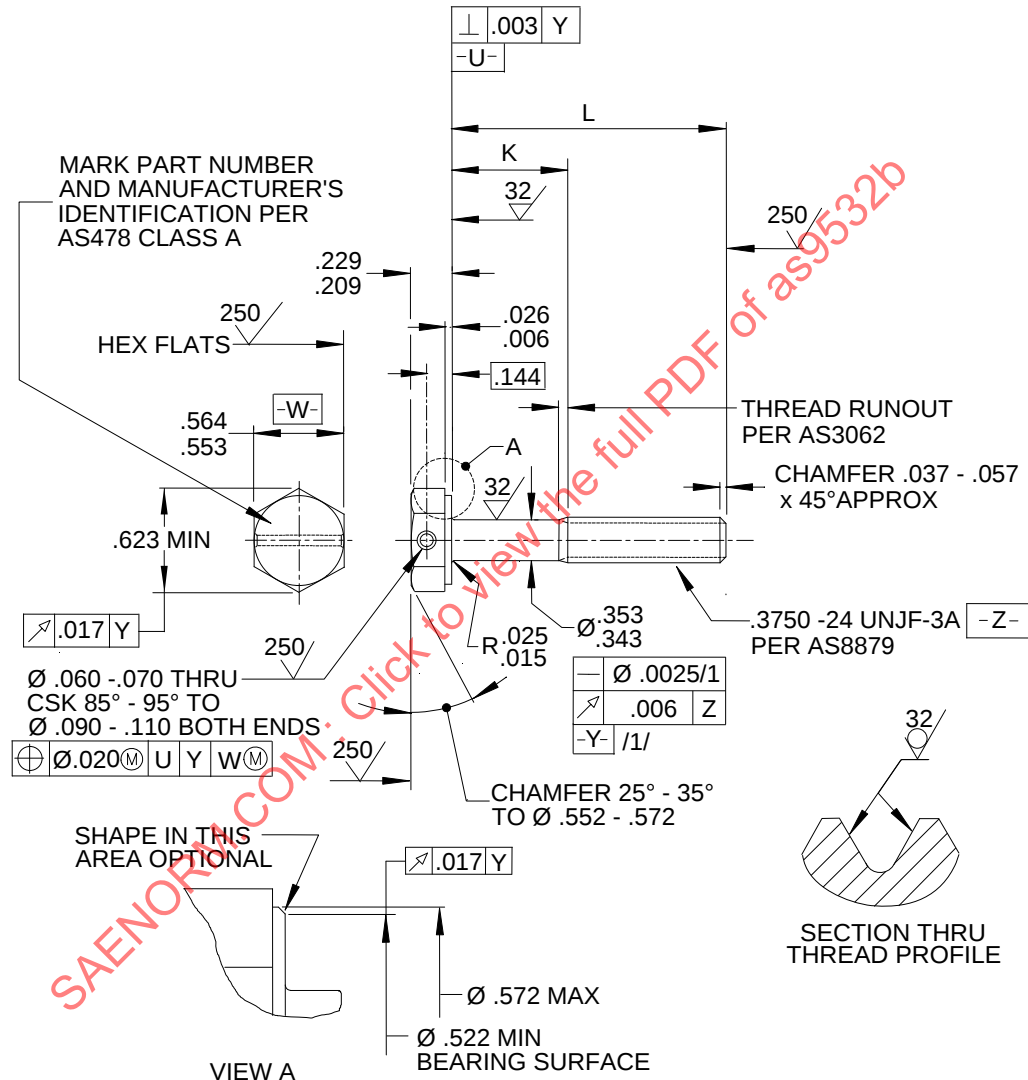


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9532B>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452, SEE NOTE 3



AEROSPACE STANDARD

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

AS9532
SHEET 1 OF 3

REV.
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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: LOW ALLOY STEEL AMS6322 (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.

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