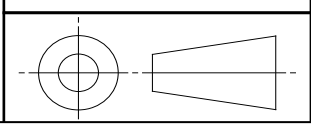


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REV. B	FEDERAL SUPPLY CLASS 5306	
	RATIONALE THIS DOCUMENT HAS BEEN DETERMINED TO CONTAIN BASIC AND STABLE TECHNOLOGY WHICH IS NOT DYNAMIC IN NATURE. STABILIZED NOTICE THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE E-25 GENERAL STANDARDS FOR AEROSPACE AND PROPULSION SYSTEMS COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.	
AS9530	SAENORM.COM : Click to view the full PDF of as9530b	
CUSTODIAN: E-25		THIRD ANGLE PROJECTION 
SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS9530B		ISSUED 1998-08 REAFFIRMED 2006-05 REVISED 2007-11 STABILIZED 2015-08
PROCUREMENT SPECIFICATION: NONE		
	AEROSPACE STANDARD BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN, .2500-28 UNJF-3A	AS9530
		REV. B

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9530, 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.

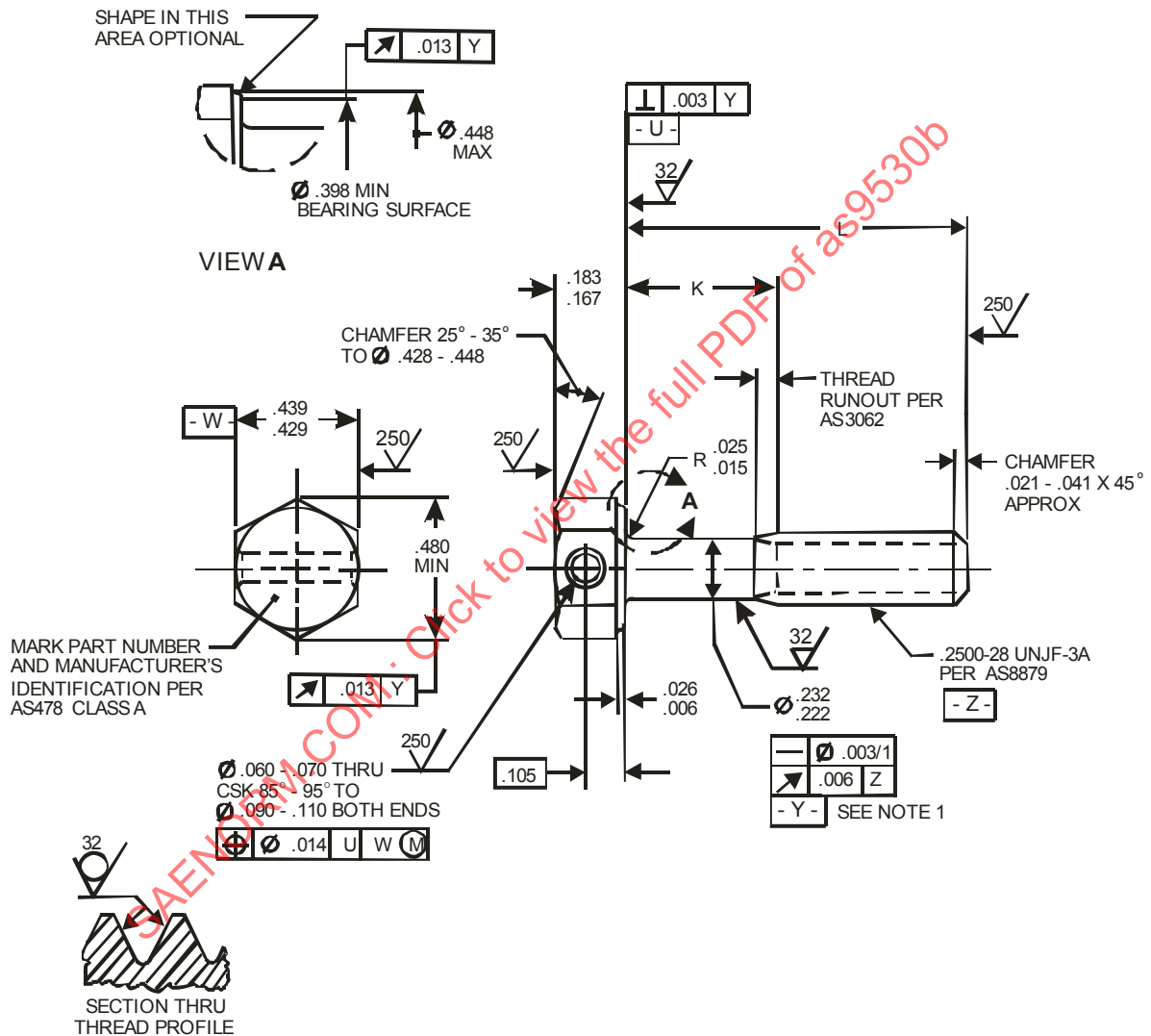


FIGURE 1 - BOLT

	AEROSPACE STANDARD		AS9530 SHEET 1 OF 3	REV. B
	BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN, 2500-28 UNJF-3A			

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9530-04	.365- .385	.079- .099	1.16	MS9530-34	2.740-2.760	1.940-2.000	3.88
MS9530-05	.428- .448	.079- .099	1.23	MS9530-35	2.865-2.885	2.065-2.125	4.02
MS9530-06	.490- .510	.079- .099	1.30	MS9530-36	2.990-3.010	2.190-2.250	4.16
MS9530-07	.552- .572	.079- .099	1.37	MS9530-37	3.115-3.135	2.315-2.375	4.31
MS9530-08	.615- .635	.079- .099	1.44	MS9530-38	3.240-3.260	2.440-2.500	4.45
MS9530-09	.678- .698	.079- .099	1.51	MS9530-39	3.365-3.385	2.565-2.625	4.60
MS9530-10	.740- .760	.079- .099	1.58	MS9530-40	3.490-3.510	2.690-2.750	4.74
MS9530-11	.802- .822	.079- .099	1.66	MS9530-41	3.615-3.635	2.815-2.875	4.88
MS9530-12	.865- .885	.079 - .125	1.73	MS9530-42	3.740-3.760	2.940-3.000	5.03
MS9530-13	.928- .948	.128- .188	1.80	MS9530-43	3.865-3.885	3.065-3.125	5.17
MS9530-14	.990-1.010	.190- .250	1.87	MS9530-44	3.990-4.010	3.190-3.250	5.31
MS9530-15	1.052-1.072	.252- .312	1.94	MS9530-45	4.115-4.135	3.315-3.375	5.46
MS9530-16	1.115-1.135	.315- .375	2.01	MS9530-46	4.240-4.260	3.440-3.500	5.60
MS9530-17	1.178-1.198	.378- .438	2.09	MS9530-47	4.365-4.385	3.565-3.625	5.74
MS9530-18	1.240-1.260	.440- .500	2.16	MS9530-48	4.490-4.510	3.690-3.750	5.89
MS9530-19	1.302-1.322	.502- .562	2.23	MS9530-49	4.615-4.635	3.815-3.875	6.03
MS9530-20	1.365-1.385	.565- .625	2.30	MS9530-50	4.740-4.760	3.940-4.000	6.17
MS9530-21	1.428-1.448	.628- .688	2.37	MS9530-51	4.865-4.885	4.065-4.125	6.32
MS9530-22	1.490-1.510	.690- .750	2.44	MS9530-52	4.990-5.010	4.190-4.250	6.46
MS9530-23	1.552-1.572	.752- .812	2.52	MS9530-53	5.115-5.135	4.315-4.375	6.60
MS9530-24	1.615-1.635	.815- .875	2.59	MS9530-54	5.240-5.260	4.440-4.500	6.75
MS9530-25	1.678-1.698	.878- .938	2.66	MS9530-55	5.365-5.385	4.565-4.625	6.89
MS9530-26	1.740-1.760	.940-1.000	2.73	MS9530-56	5.490-5.510	4.690-4.750	7.03
MS9530-27	1.865-1.885	1.065-1.125	2.87	MS9530-57	5.615-5.635	4.815-4.875	7.18
MS9530-28	1.990-2.010	1.190-1.250	3.02	MS9530-58	5.740-5.760	4.940-5.000	7.32
MS9530-29	2.115-2.135	1.315-1.375	3.16	MS9530-59	5.865-5.885	5.065-5.125	7.46
MS9530-30	2.240-2.260	1.440-1.500	3.30	MS9530-60	5.990-6.010	5.190-5.250	7.61
MS9530-31	2.365-2.385	1.565-1.625	3.45				
MS9530-32	2.490-2.510	1.690-1.750	3.59				
MS9530-33	2.615-2.635	1.815-1.875	3.73				

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 MS9530-04 THRU MS9530-18 THE THREAD PD (DATUM Z) SHALL REPLACE DATUM Y.
- MATERIAL: LOW ALLOY STEEL AMS 6322 (UNS G87400).
- PROCUREMENT SPECIFICATION: AS7452, EXCEPT HEAD SHALL BE UPSET.
- FINISH: CADMIUM PLATE PER AMS 2400. DIMENSIONS ARE AFTER PLATING.
- MAGNETIC PARTICLE INSPECTION PER ASTM E 1444 BEFORE PLATING.

	AEROSPACE STANDARD	AS9530 SHEET 2 OF 3	REV. B
	BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN, .2500-28 UNJF-3A		