

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV. C

AS9526

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.

SAENORM.COM : Click to view the full PDF of as9526c

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9526C>



CUSTODIAN: E-25

	AEROSPACE STANDARD	AS9526	REV. C
	BOLT, MACHINE - STEEL, CADMIUM PLATED, HEXAGON HEAD, UNS G87400, 125 KSI MIN, .7500-16 UNJF-3A		

ISSUED 1999-08 REAFFIRMED 2006-05 REVISED 2007-09 STABILIZED 2015-07

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9526A, NOTICE 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.

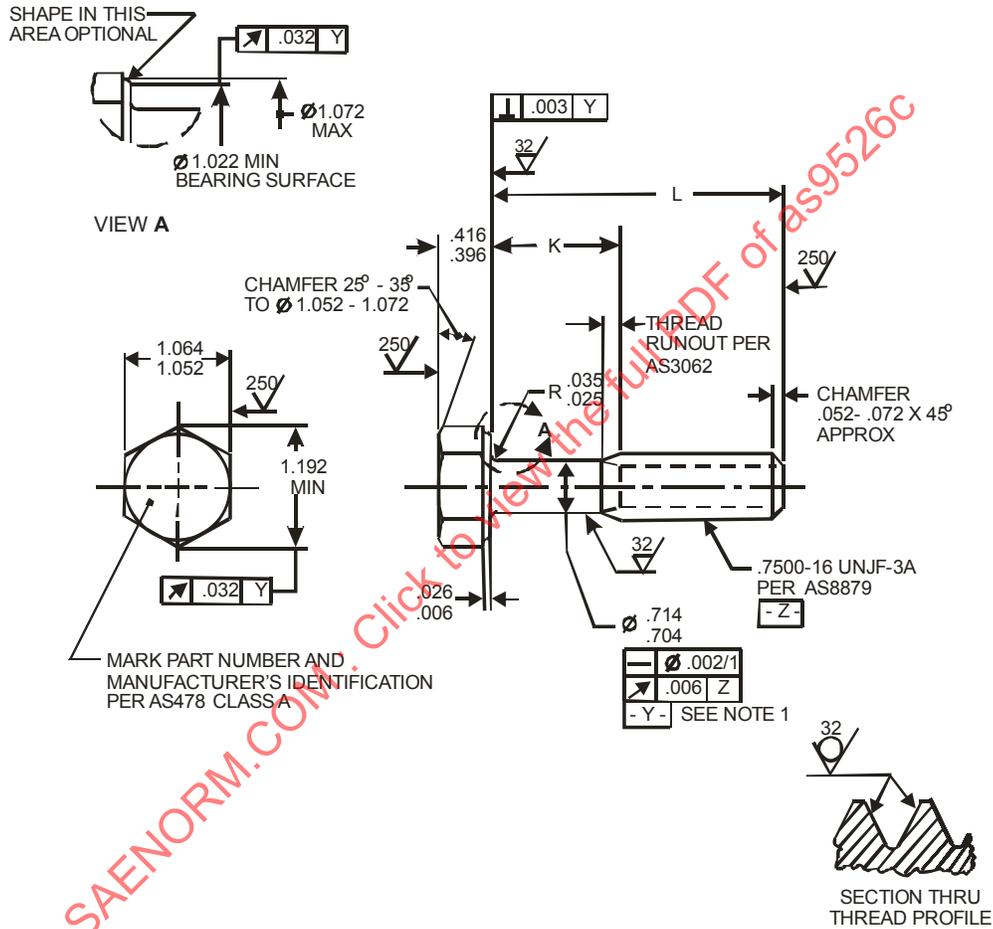


FIGURE 1 - BOLT

	AEROSPACE STANDARD	AS9526 SHEET 1 OF 3	REV. C
	BOLT, MACHINE - STEEL, CADMIUM PLATED, HEXAGON HEAD, UNS G87400, 125 KSI MIN, .7500-16 UNJF-3A		

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9526-06	1.240-1.260	.129- .149	25.04	MS9526-30	3.490-3.510	1.690-1.750	50.08
MS9526-07	1.302-1.322	.129- .149	25.74	MS9526-31	3.615-3.635	1.815-1.875	51.47
MS9526-08	1.365-1.385	.129- .149	26.43	MS9526-32	3.740-3.760	1.940-2.000	52.86
MS9526-09	1.428-1.448	.129- .149	27.13	MS9526-33	3.865-3.885	2.065-2.125	54.25
MS9526-10	1.490-1.510	.129- .149	27.82	MS9526-34	3.990-4.010	2.190-2.250	55.64
MS9526-11	1.552-1.572	.129- .149	28.52	MS9526-35	4.115-4.135	2.315-2.375	57.03
MS9526-12	1.615-1.635	.129- .149	29.22	MS9526-36	4.240-4.260	2.440-2.500	58.42
MS9526-13	1.678-1.698	.129- .149	29.91	MS9526-37	4.365-4.385	2.565-2.625	59.81
MS9526-14	1.740-1.760	.129- .149	30.61	MS9526-38	4.490-4.510	2.690-2.750	61.20
MS9526-15	1.802-1.822	.129- .149	31.30	MS9526-39	4.615-4.635	2.815-2.875	62.59
MS9526-16	1.865-1.885	.129- .149	32.00	MS9526-40	4.740-4.760	2.940-3.000	63.98
MS9526-17	1.928-1.948	.129- .188	32.69	MS9526-41	4.865-4.885	3.065-3.125	65.37
MS9526-18	1.990-2.010	.190- .250	33.39	MS9526-42	4.990-5.010	3.190-3.250	66.76
MS9526-19	2.115-2.135	.315- .375	34.78	MS9526-43	5.115-5.135	3.315-3.375	68.15
MS9526-20	2.240-2.260	.440- .500	36.17	MS9526-44	5.240-5.260	3.440-3.500	69.54
MS9526-21	2.365-2.385	.565- .625	37.56	MS9526-45	5.365-5.385	3.565-3.625	70.93
MS9526-22	2.490-2.510	.690- .750	38.95	MS9526-46	5.490-5.510	3.690-3.750	72.33
MS9526-23	2.615-2.635	.815- .875	40.34	MS9526-47	5.615-5.635	3.815-3.875	73.72
MS9526-24	2.740-2.760	.940-1.000	41.73	MS9526-48	5.740-5.760	3.940-4.000	75.11
MS9526-25	2.865-2.885	1.065-1.125	43.12	MS9526-49	5.865-5.885	4.065-4.125	76.50
MS9526-26	2.990-3.010	1.190-1.250	44.51	MS9526-50	5.990-6.010	4.190-4.250	77.89
MS9526-27	3.115-3.135	1.315-1.375	45.90				
MS9526-28	3.240-3.260	1.440-1.500	47.29				
MS9526-29	3.365-3.385	1.565-1.625	48.68				

NOTES:

NOTICE

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

- FOR PART NUMBERS MS9526-06 THRU MS9526-26 THE THREAD PD (DATUM "Z") SHALL REPLACE DATUM "Y".
- MATERIAL: LOW ALLOY STEEL AMS 6322 (UNS G87400).
- PROCUREMENT SPECIFICATION: AS7452.
- HEAD TO SHANK FILLET RADIUS: FOR PART NUMBERS MS9526-19 AND LARGER, THE HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.
- FINISH: CADMIUM PLATE PER AMS 2400. DIMENSIONS ARE AFTER PLATING.
- MAGNETIC PARTICLE INSPECTION PER ASTM E 1444.
- INCOMPLETE THREADS NOT TO ENTER FILLET.

	AEROSPACE STANDARD	AS9526 SHEET 2 OF 3	REV. C
	BOLT, MACHINE - STEEL, CADMIUM PLATED, HEXAGON HEAD, UNS G87400, 125 KSI MIN, .7500-16 UNJF-3A		