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REV. C

AS9208

FEDERAL SUPPLY CLASS
5306

RATIONALE

THIS DOCUMENT HAS BEEN DETERMINED TO CONTAIN BASIC AND STABLE TECHNOLOGY WHICH IS NOT DYNAMIC IN NATURE.

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CUSTODIAN: E-25

	AEROSPACE STANDARD	AS9208	REV. C
	BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, UNS K14675, 195 KSI MIN, .1900-32 UNJF-3A		

ISSUED 2000-08 REVISED 2003-11 REAFFIRMED 2007-06 STABILIZED 2015-06

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9208, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS REGARDING ITS USE.

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	AEROSPACE STANDARD	AS9208 SHEET 1 OF 4	REV. C
	BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, UNS K14675, 195 KSI MIN, .1900-32 UNJF-3A		

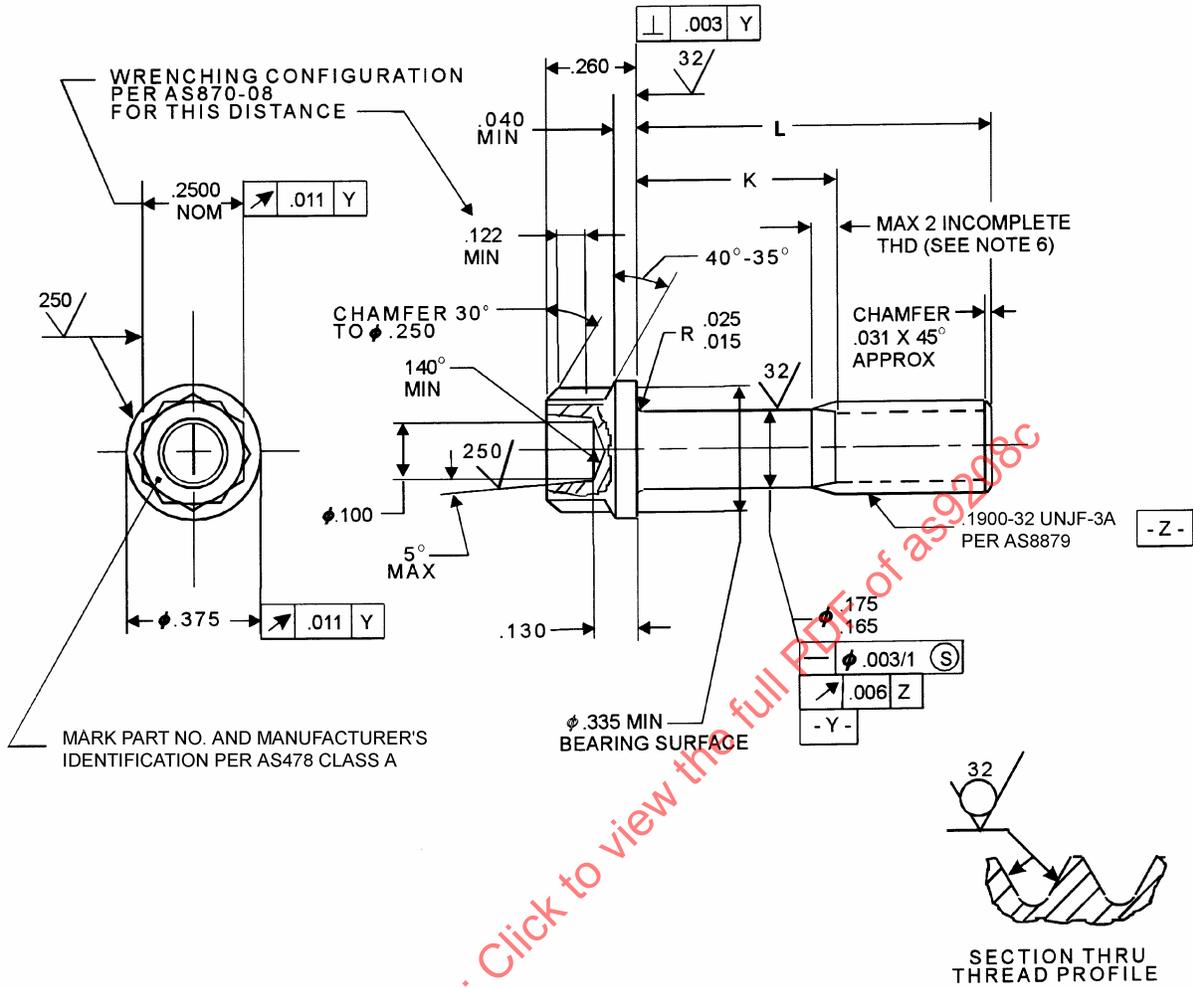


FIGURE 1 - BOLT

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	AEROSPACE STANDARD	AS9208 SHEET 2 OF 4	REV. C
	BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, UNS K14675, 195 KSI MIN, .1900-32 UNJF-3A		

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9208-04	.375	.072 - .092	.91	MS9208-22	1.500	.810 - .870	1.63
MS9208-05	.438	.072 - .092	.95	MS9208-23	1.562	.872 - .932	1.67
MS9208-06	.500	.072 - .092	.99	MS9208-24	1.625	.935 - .995	1.71
MS9208-07	.562	.072 - .092	1.03	MS9208-25	1.688	.998 - 1.058	1.75
MS9208-08	.625	.072 - .092	1.07	MS9208-26	1.750	1.060 - 1.120	1.79
MS9208-09	.688	.072 - .092	1.11	MS9208-27	1.875	1.185 - 1.245	1.87
MS9208-10	.750	.072 - .099	1.15	MS9208-28	2.000	1.310 - 1.370	1.95
MS9208-11	.812	.122 - .182	1.19	MS9208-29	2.125	1.435 - 1.495	2.03
MS9208-12	.875	.185 - .245	1.23	MS9208-30	2.250	1.560 - 1.620	2.11
MS9208-13	.938	.248 - .308	1.27	MS9208-31	2.375	1.685 - 1.745	2.19
MS9208-14	1.000	.310 - .370	1.31	MS9208-32	2.500	1.810 - 1.870	2.27
MS9208-15	1.062	.372 - .432	1.35	MS9208-33	2.625	1.935 - 1.995	2.35
MS9208-16	1.125	.435 - .495	1.39	MS9208-34	2.750	2.060 - 2.120	2.43
MS9208-17	1.188	.498 - .558	1.43	MS9208-35	2.875	2.185 - 2.245	2.51
MS9208-18	1.250	.560 - .620	1.47	MS9208-36	3.000	2.310 - 2.370	2.59
MS9208-19	1.312	.622 - .682	1.51				
MS9208-20	1.375	.685 - .745	1.55				
MS9208-21	1.438	.748 - .808	1.59				

NOTES:

- MATERIAL: LOW ALLOY STEEL AMS 6304 (UNS K14675).
- PROCUREMENT SPECIFICATION: AS7459.
- HARDNESS: 42-46 HRC.
- FINISH: DIFFUSED NICKEL-CADMIUM PLATE AMS 2416. DIMENSIONS ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
- MAGNETIC PARTICLE INSPECTION PER ASTM E 1444 BEFORE 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 MICRONS Ra EXCEPT UPSET HEAD.
- BREAK SHARP EDGES .003-.015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
- DO NOT USE UNASSIGNED PART NUMBERS.

	AEROSPACE STANDARD	AS9208 SHEET 3 OF 4	REV. C
	BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, UNS K14675, 195 KSI MIN, .1900-32 UNJF-3A		