

REV.
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AS9208

FEDERAL SUPPLY CLASS
5306

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

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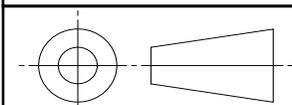
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

SAE Aerospace
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AEROSPACE STANDARD

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

AS9208
SHEET 1 OF 4

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

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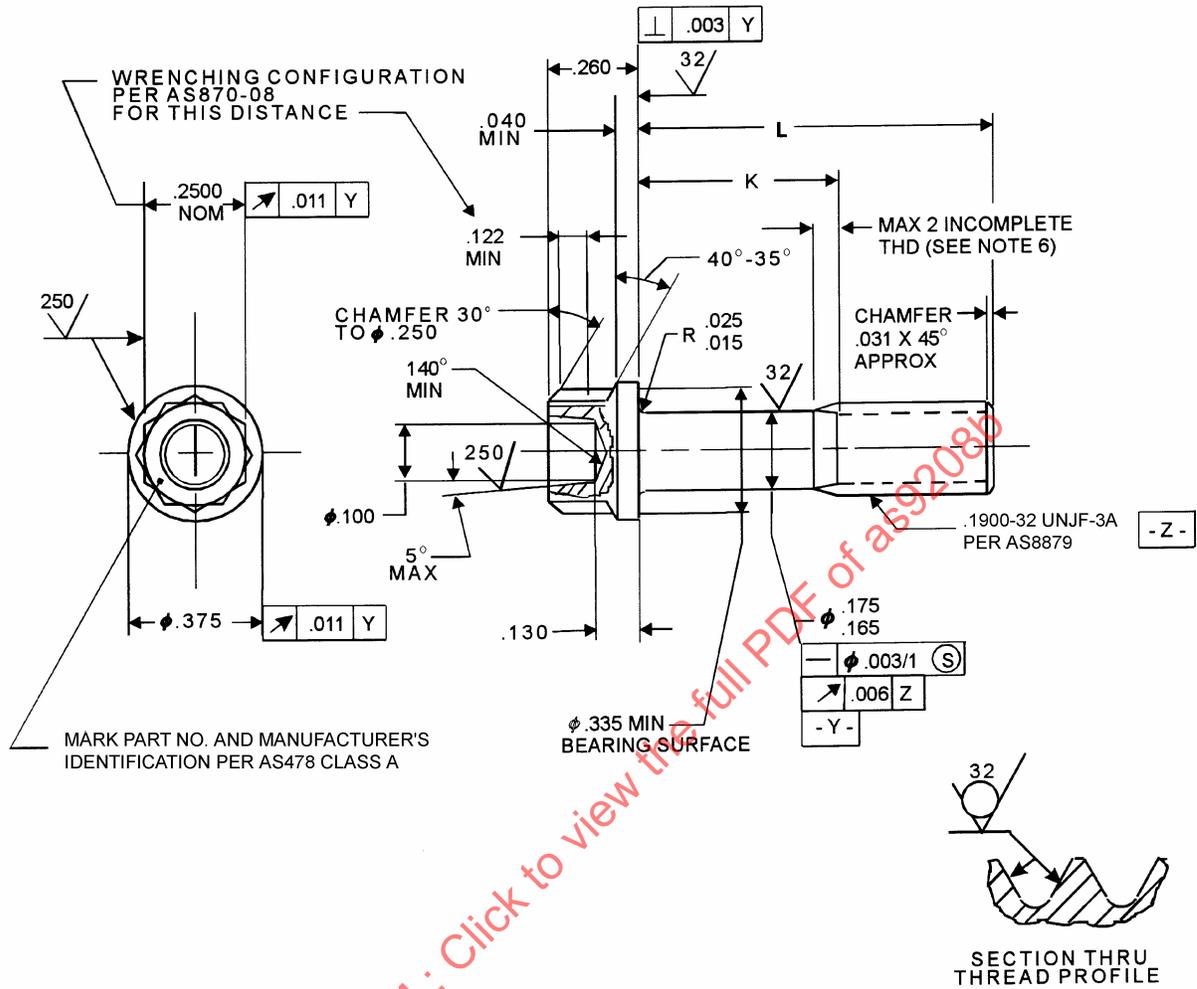


FIGURE 1 - BOLT

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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
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 MICROINCHES 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 ± 0.10 , ANGULAR DIMENSIONS $\pm 5^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.