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**REV.
B**

SAE AS9449

FEDERAL SUPPLY CLASS
5305

RATIONALE

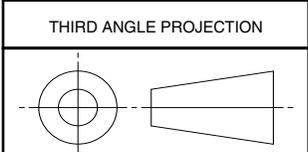
TO CORRECT CADMIUM NOTICE IN NOTE SECTION; CORRECT NOTE 4 PD REDUCTION FOR PLATING; CLARIFY NOTE 5 MAGNETIC PARTICLE INSPECTION REQUIREMENTS; CLARIFY PART MARKING REQUIREMENT IN FIGURE 1, AND GENERAL SAE FORMATTING UPDATES.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9449A. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7455

SAE Aerospace
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AEROSPACE STANDARD

SCREW MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, HEXAGON HEAD
UNS K14675, 195 KSI MIN, .1380-40 UNJF-3A

SAE AS9449
SHEET 1 OF 3

**REV.
B**

ISSUED 1998-08 REAFFIRMED 2006-05 REVISED 2009-06

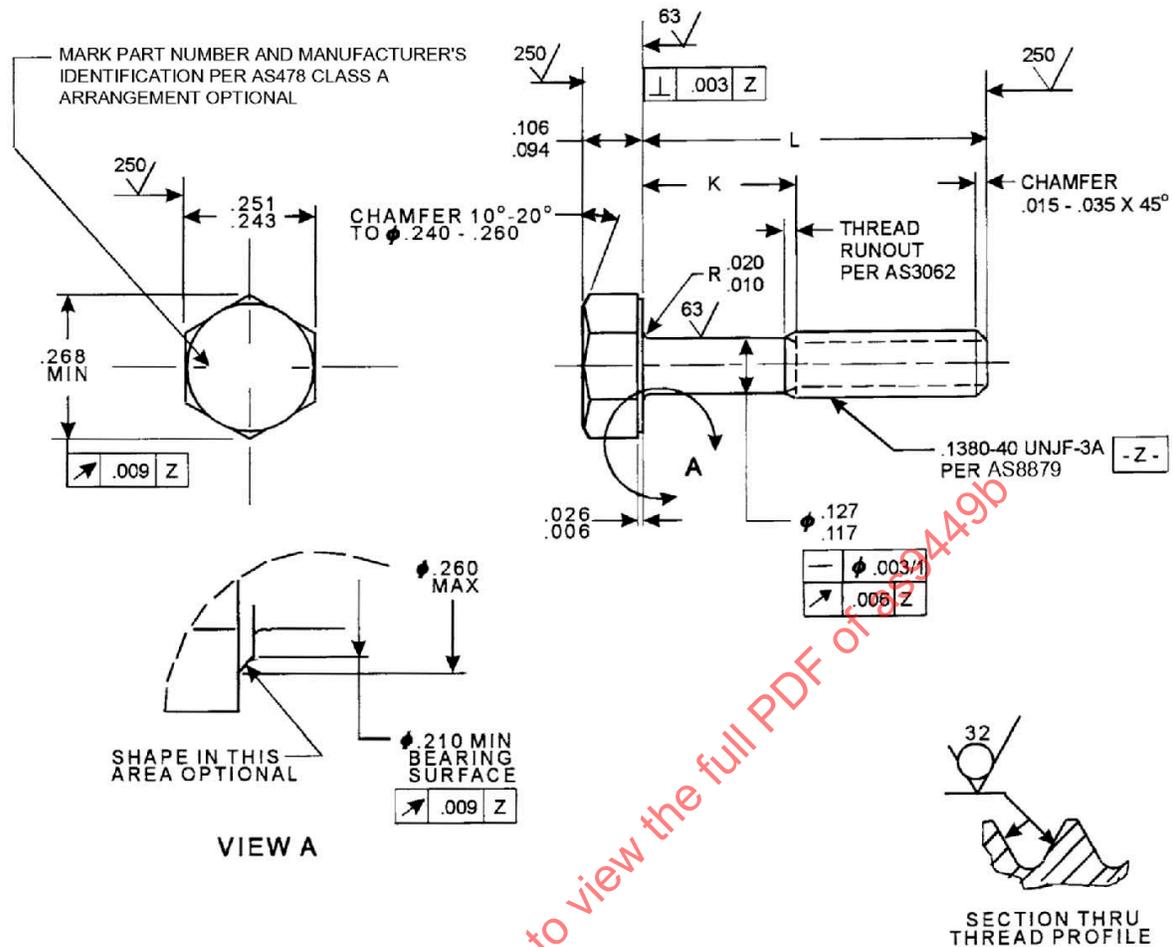


FIGURE 1 - SCREW

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100
MS9449-02	.240 - .260	.058 - .078	.25
MS9449-03	.302 - .322	.058 - .078	.27
MS9449-04	.365 - .385	.058 - .078	.30
MS9449-05	.428 - .448	.058 - .078	.32
MS9449-06	.490 - .510	.058 - .078	.34
MS9449-07	.552 - .572	.058 - .078	.37
MS9449-08	.615 - .635	.058 - .078	.39
MS9449-09	.678 - .698	.102 - .162	.42
MS9449-10	.740 - .760	.164 - .224	.44
MS9449-11	.802 - .822	.226 - .286	.46
MS9449-12	.865 - .885	.289 - .349	.49
MS9449-13	.928 - .948	.353 - .412	.51

PART NO.	L	K	APPROX. MASS LB/100
MS9449-14	.990 - 1.010	.414 - .474	.53
MS9449-15	1.052 - 1.072	.476 - .536	.56
MS9449-16	1.115 - 1.135	.539 - .599	.58
MS9449-17	1.178 - 1.198	.602 - .662	.61
MS9449-18	1.240 - 1.260	.664 - .724	.63
MS9449-19	1.302 - 1.322	.726 - .786	.65
MS9449-20	1.365 - 1.385	.789 - .849	.68
MS9449-21	1.428 - 1.448	.852 - .912	.70
MS9449-22	1.490 - 1.510	.914 - .974	.72