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REV.
B

SAE AS117001
THRU AS117040

FEDERAL SUPPLY CLASS
5305

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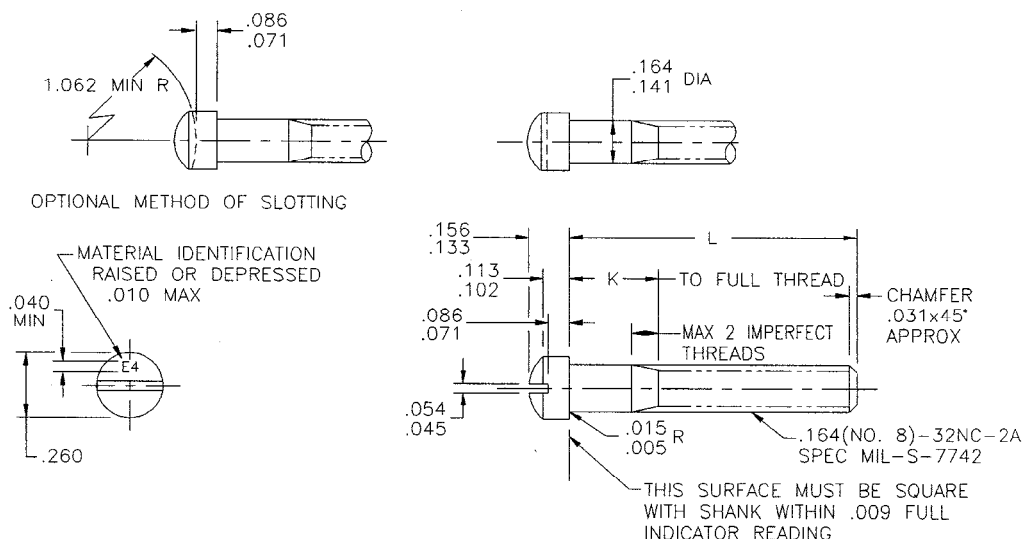
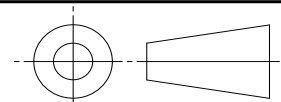


FIGURE 1 - SCREW

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

SAE Aerospace
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AEROSPACE STANDARD

SCREW - OVAL FILLISTER HEAD, .164-32

SAE AS117001
THRU AS117040
SHEET 1 OF 2

REV.
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TABLE 1 – DIMENSIONS

L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.
.250	(a)	AN117002	.938	(a)	AN117013	2.750	1.500	AN117028
.312	(a)	AN117003	1.000	(a)	AN117014	3.000	1.750	AN117030
			1.125	(a)	AN117015			
.375	(a)	AN117004	1.250	(a)	AN117016			
.438	(a)	AN117005	1.375	.125	AN117017			
.500	(a)	AN117006	1.500	.250	AN117018			
.562	(a)	AN117007	1.625	.375	AN117019			
.625	(a)	AN117008	1.750	.500	AN117020			
.688	(a)	AN117009	1.875	.625	AN117021			
.750	(a)	AN117010	2.000	.750	AN117022			
.812	(a)	AN117011	2.250	1.000	AN117024			
.875	(a)	AN117012	2.500	1.250	AN117026			

(a) THREAD TO HEAD. MAX TWO IMPERFECT THREADS.

NOTICE

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

NOTE: SHANK SHALL BE STRAIGHT WITHIN .004 FIR. PER INCH OF SCREW LENGTH.
THE CONCENTRICITY OF THREAD PD IN RELATION TO THE HEAD SHALL BE WITHIN .005 FIR.

MATERIAL: STEEL AMS5061

STRESS RELIEVE AFTER HEADING. MATERIAL SPECIFICATION HARDNESS REQUIREMENTS MUST BE MAINTAINED.

FINISH: CADMIUM PLATE AMS2400

BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS $\pm .010$.

DO NOT USE UNASSIGNED PART NUMBERS.

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER PARTS COMMITTEE OF SAE INTERNATIONAL.

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