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**REV.
B**

**SAE AS115951
THRU AS116000**

RATIONALE

FEDERAL SUPPLY CLASS
5305

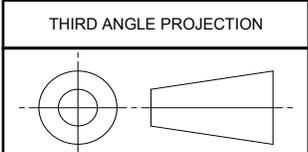
UPDATE CADMIUM CAUTION NOTICE AND ADD NOTE INDICATING THE PRIMACY OF THE REQUIREMENTS CITED ON THE STANDARD OVER REFERENCED DOCUMENTS.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD AN115951 THRU AN 116000, REVISION 3. 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.

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: SEE NOTE 3



AEROSPACE STANDARD

SCREW – FLAT FILLISTER, DRILLED HEAD,
CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN
.3125-18 UNC – 3A

SAE AS115951 THRU
AS116000
SHEET 1 OF 4

**REV.
B**

ISSUED 2000-08 REVISED 2009-07

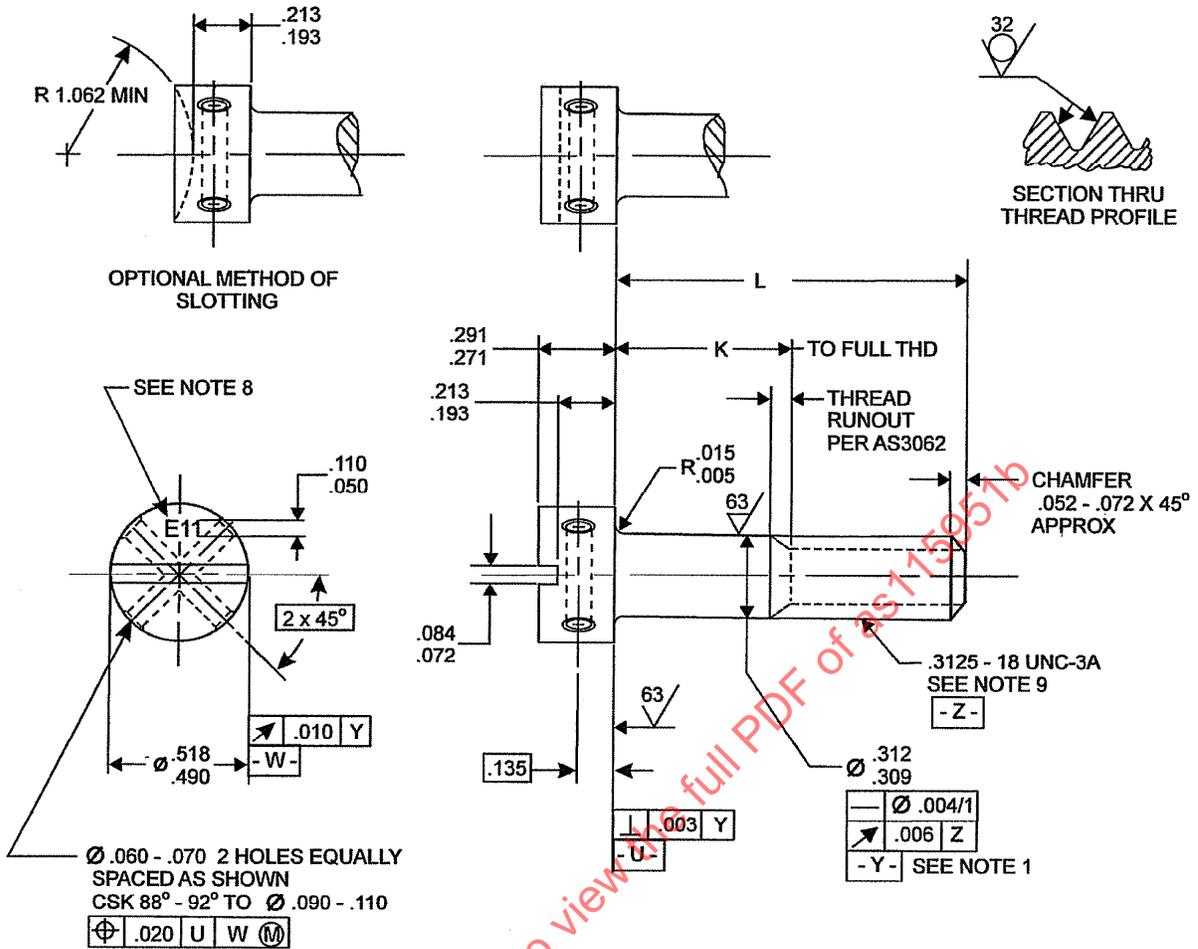


FIGURE 1 - SCREW

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<p>SAE Aerospace An SAE International Group</p>	<p>AEROSPACE STANDARD</p>	<p>SAE AS115951 THRU AS116000 SHEET 2 OF 4</p>	<p>REV. B</p>
	<p>SCREW - FLAT FILLISTER, DRILLED HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN .3125-18 UNC - 3A</p>		

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	PART NUMBER	L	K
AN115955	0.365 - 0.385	(a)	AN115972	1.428 – 1.448	0.522 – 0.562
AN115956	0.428 - 0.448	(a)	AN115973	1.490 – 1.510	0.565 – 0.625
AN115957	0.490 - 0.510	(a)	AN115974	1.552 – 1.572	0.628 – 0.688
AN115958	0.552 - 0.572	(a)	AN115975	1.615 – 1.635	0.690 – 0.750
AN115959	0.615 - 0.635	(a)	AN115976	1.678 – 1.698	0.752 – 0.812
AN115960	0.678 - 0.698	(a)	AN115977	1.740 – 1.760	0.815 – 0.875
AN115961	0.740 - 0.760	(a)	AN115978	1.802 – 1.822	0.878 – 0.938
AN115962	0.802 - 0.822	(a)	AN115979	1.865 – 1.885	0.940 – 1.000
AN115963	0.865 - 0.885	(a)	AN115980	1.990 – 2.010	1.065 – 1.125
AN115964	0.928 - 0.948	(a)	AN115981	2.115 – 2.135	1.190 – 1.250
AN115965	0.990 - 1.010	0.065 – 0.125	AN115982	2.240 – 2.260	1.315 – 1.375
AN115966	1.052 – 1.072	0.128 – 0.188	AN115983	2.365 – 2.385	1.440 – 1.500
AN115967	1.115 – 1.135	0.190 – 0.250	AN115984	2.490 – 2.510	1.565 – 1.625
AN115968	1.178 – 1.198	0.252 – 0.312	AN115985	2.615 – 2.635	1.690 – 1.750
AN115969	1.240 – 1.260	0.315 – 0.375	AN115986	2.740 – 2.760	1.815 – 1.875
AN115970	1.302 – 1.322	0.378 – 0.438	AN115987	2.865 – 2.885	1.940 – 2.000
AN115971	1.365 – 1.385	0.460 – 0.500	AN115988	2.990 – 3.010	2.065 – 2.125

(a) THREAD TO HEAD PER AS3062

NOTES

NOTICE

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

- FOR PART NUMBERS AN115955 THRU AN115971 THE THREAD PD (DATUM Z) SHALL REPLACE DATUM Y.
- MATERIAL: STEEL PER AMS6322 (UNS G87400)
- PROCUREMENT SPECIFICATION: AS7452
- HARDNESS: 26-32 HRC.
- MAGNETIC PARTICLE INSPECTION PER ASTM E 1444. ACCEPTANCE CRITERIA PER AS7452.
- FINISH: CADMIUM PLATE PER AMS2400
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICRONS Ra.
- MARK MATERIAL CODE "E11" AS SHOWN PER AS269 AND MANUFACTURER'S IDENTIFICATION RAISED OR DEPRESSED .010 MAX PER AS478 CLASS A.
- THREADS PER MIL-S-7742.
- BREAK SHARP EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE IN INCHES.
- DIMENSIONING AND TOLERANCING PER ANSI Y14-5M-1982 (ASME PUBLICATION).
- DO NOT USE UNASSIGNED PART NUMBERS.

 <p>An SAE International Group</p>	AEROSPACE STANDARD	SAE AS115951 THRU AS116000 SHEET 3 OF 4	REV. B
	SCREW – FLAT FILLISTER, DRILLED HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN .3125-18 UNC – 3A		