

REV.
A

AS115451
THRU AS115500

FEDERAL SUPPLY CLASS
5305

RATIONALE

UPDATE STANDARD TO CURRENT REQUIREMENTS AND ADD CADMIUM CAUTION NOTICE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD AN115451 THRU AN115500, REVISION 3. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCT 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.

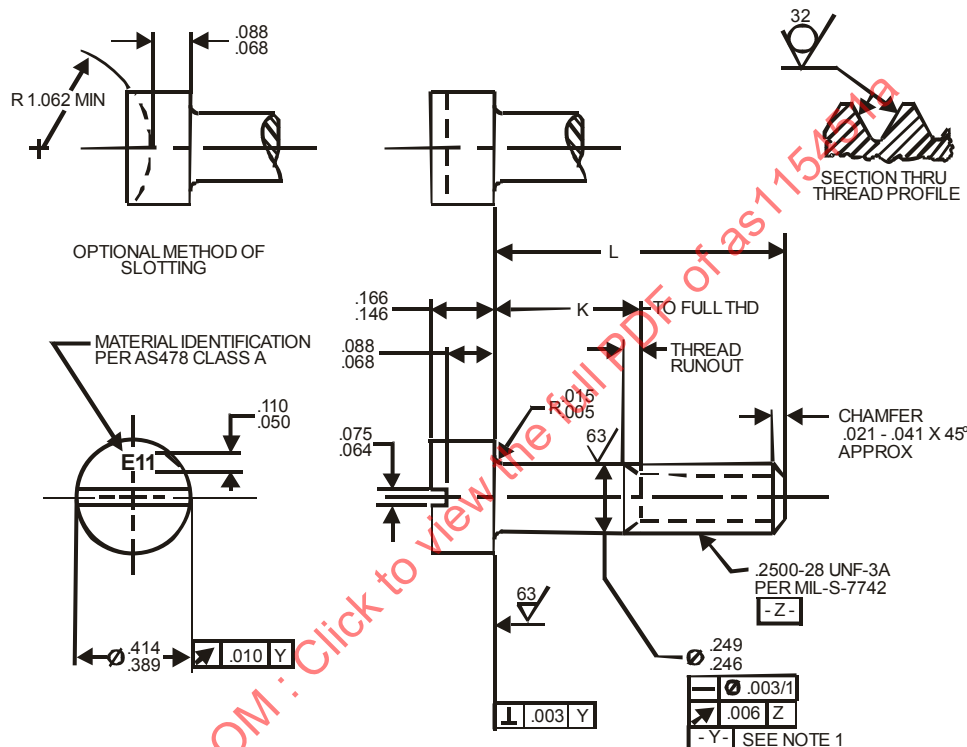
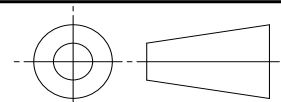


FIGURE 1 – SCREW

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS115451A>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
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AEROSPACE STANDARD

(R) SCREW – FLAT FILLISTER HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN.
.2500-28UNF-3A

SAE AS115451
THRU AS11550
SHEET 1 OF 3

REV.
A

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ISSUED 1999-08 REAFFIRMED 2005-05 REVISED 2008-12

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBERS	L	K	PART NUMBERS	L	K
AN115455	.490 - .510	(a)	AN115471	1.490 - 1.510	.815 - .875
AN115456	.552 - .572	(a)	AN115472	1.552 - 1.572	.878 - .938
AN115457	.615 - .635	(a)	AN115473	1.615 - 1.635	.940 - 1.000
AN115458	.678 - .698	(a)	AN115474	1.678 - 1.698	1.002 - 1.062
AN115459	.740 - .760	.065 - .125	AN115475	1.740 - 1.760	1.065 - 1.125
AN115460	.802 - .822	.128 - .188	AN115476	1.865 - 1.885	1.190 - 1.250
AN115461	.865 - .885	.190 - .250	AN115477	1.990 - 2.010	1.315 - 1.375
AN115462	.928 - .948	.252 - .312	AN115478	2.115 - 2.135	1.440 - 1.500
AN115463	.990 - 1.010	.315 - .375	AN115479	2.240 - 2.260	1.565 - 1.625
AN115464	1.052 - 1.072	.378 - .438	AN115480	2.365 - 2.385	1.690 - 1.750
AN115465	1.115 - 1.135	.440 - .500	AN115481	2.490 - 2.510	1.815 - 1.875
AN115466	1.178 - 1.198	.502 - .562	AN115482	2.615 - 2.635	1.940 - 2.000
AN115467	1.240 - 1.260	.565 - .625	AN115483	2.740 - 2.760	2.065 - 2.125
AN115468	1.302 - 1.322	.628 - .688	AN115484	2.865 - 2.885	2.190 - 2.250
AN115469	1.365 - 1.385	.690 - .750	AN115485	2.990 - 3.010	2.315 - 2.375
AN115470	1.428 - 1.448	.752 - .812			

(a) THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS.