

REV.
C

AS115801™ THRU
AS115850™

RATIONALE

FIGURE REDRAWN, TABLE RETYPED FOR CLARITY, CADMIUM PLATE NOTE ADDED, EXISTING INVENTORY USE NOTE ADDED, AND DOCUMENT GENERALLY UPDATED.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD AN115801 THRU AN115850, REVISION 3, NOTICE 1. 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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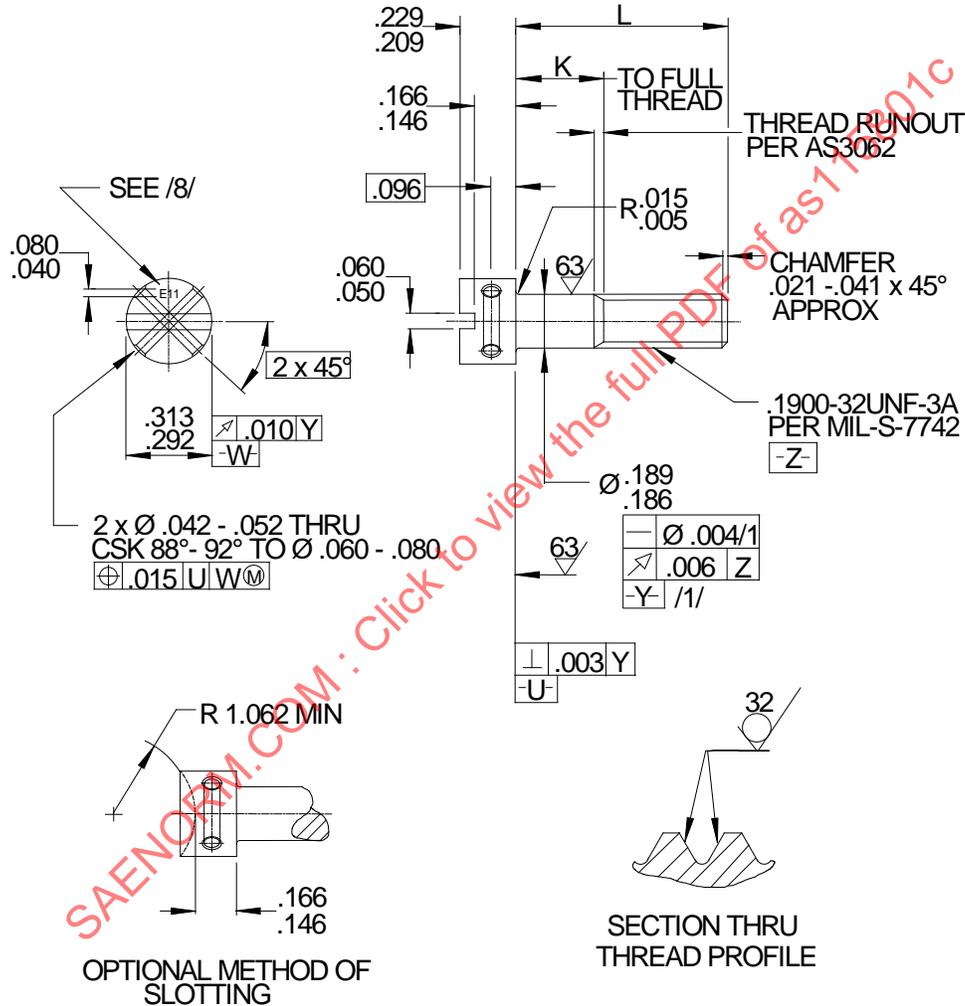
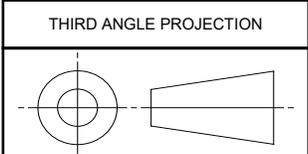


FIGURE 1 - SCREW

For more information on this standard, visit
<https://www.sae.org/standards/content/AS115801C>



CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7452	
	AEROSPACE STANDARD		AS115801™ THRU AS115850™ SHEET 1 OF 3
	(R) SCREW - FLAT FILLISTER, DRILLED HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN		

ISSUED 2000-08 REVISED 2015-12 REAFFIRMED 2020-11

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	PART NUMBER	L	K
AN115805	.240 - .260	.19/	AN115820	1.178 - 1.198	.502 - .562
AN115806	.302 - .322	.19/	AN115821	1.240 - 1.260	.565 - .625
AN115807	.365 - .385	.19/	AN115822	1.302 - 1.322	.628 - .688
AN115808	.428 - .448	.19/	AN115823	1.365 - 1.385	.690 - .750
AN115809	.490 - .510	.19/	AN115824	1.428 - 1.448	.752 - .812
AN115810	.552 - .572	.19/	AN115825	1.490 - 1.510	.815 - .875
AN115811	.615 - .635	.19/	AN115826	1.615 - 1.635	.940 - 1.000
AN115812	.678 - .698	.19/	AN115827	1.740 - 1.760	1.065 - 1.125
AN115813	.740 - .760	.19/	AN115828	1.865 - 1.885	1.190 - 1.250
AN115814	.802 - .822	.128 - .188	AN115829	1.990 - 2.010	1.315 - 1.375
AN115815	.865 - .885	.190 - .250	AN115830	2.115 - 2.135	1.440 - 1.500
AN115816	.928 - .948	.252 - .312	AN115831	2.240 - 2.260	1.565 - 1.625
AN115817	.990 - 1.010	.315 - .375	AN115832	2.365 - 2.385	1.690 - 1.750
AN115818	1.052 - 1.072	.378 - .438	AN115833	2.490 - 2.510	1.815 - 1.875
AN115819	1.115 - 1.135	.440 - .500	AN115834	2.615 - 2.635	1.940 - 2.000
			AN115835	2.740 - 2.760	2.065 - 2.125
			AN115836	2.865 - 2.885	2.190 - 2.250
			AN115837	2.990 - 3.010	2.315 - 2.375

NOTES:

NOTICE

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

- /1/ FOR PART NUMBERS AN115805 THRU AN115814 THE THREAD PD (DATUM [-Z-]) SHALL REPLACE DATUM [-Y-].
- 2. MATERIAL: STEEL PER AMS6322 (UNS G87400).
- 3. PROCUREMENT SPECIFICATION: AS7452
- 4. HARDNESS: 26-32 HRC.
- 5. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M.
- 6. FINISH: CADMIUM PLATE PER AMS2400.
- 7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- /8/ MARK MATERIAL CODE "E11" AS SHOWN PER AS269 AND MANUFACTURER'S IDENTIFICATION RAISED OR DEPRESSED .010 MAX PER AS478 CLASS A.
- /9/ THREAD TO HEAD IN ACCORDANCE WITH AS3062.
- 10. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- 11. DIMENSIONS ARE IN INCHES.
- 12. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
- 13. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

	AEROSPACE STANDARD	AS115801™ THRU AS115850™ SHEET 2 OF 3	REV. C
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