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**REV.
C**

**SAE AS115901
THRU AS115950**

FEDERAL SUPPLY CLASS
5305

RATIONALE

THIS NONCURRENT STANDARD HAS BEEN STABILIZED.

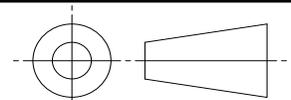
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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: SEE NOTE 3

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

**SAE AS115901
THRU AS115950**

**REV.
C**

ISSUED 1998-10 REAFFIRMED 2003-10 REVISED 2009-07 STABILIZED 2014-05

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|--|---|--|-------------------------|
|  <small>An SAE International Group</small> | AEROSPACE STANDARD | SAE AS115901 THRU AS115950 SHEET 1 OF 4 | REV. C |
| | SCREW – FLAT FILLISTER, DRILLED HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN .2500-28 UNF – 3A | | |

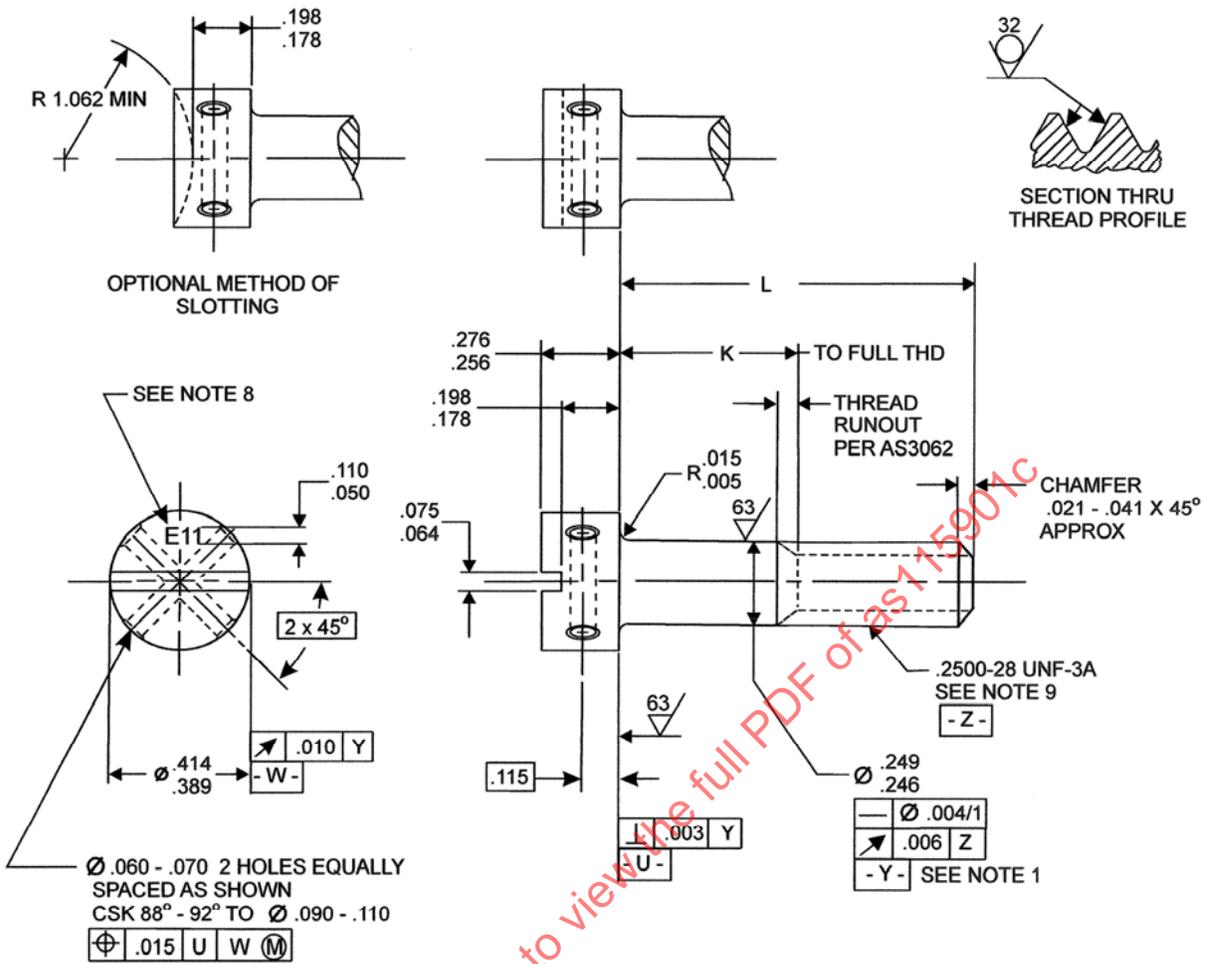


FIGURE 1 – SCREW

| | | | |
|--|--|---|---------------------------------|
| <p>SAE Aerospace An SAE International Group</p> | <p>AEROSPACE STANDARD</p> | <p>SAE AS115901 THRU AS115950 SHEET 2 OF 4</p> | <p>REV. C</p> |
| | <p>SCREW – FLAT FILLISTER, DRILLED HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN .2500-28 UNF – 3A</p> | | |

TABLE 1 – PART NUMBERS AND DIMENSIONS

| PART NUMBER | L | K | PART NUMBER | L | K |
|-------------|---------------|---------------|-------------|---------------|---------------|
| AN115905 | 0.365 - 0.385 | (a) | AN115923 | 1.490 – 1.510 | 0.690 – 0.750 |
| AN115906 | 0.428 - 0.448 | (a) | AN115924 | 1.552 – 1.572 | 0.752 – 0.812 |
| AN115907 | 0.490 - 0.510 | (a) | AN115925 | 1.615 – 1.635 | 0.815 – 0.875 |
| AN115908 | 0.552 - 0.572 | (a) | AN115926 | 1.678 – 1.698 | 0.878 – 0.938 |
| AN115909 | 0.615 - 0.635 | (a) | AN115927 | 1.740 – 1.760 | 0.960 – 1.000 |
| AN115910 | 0.678 - 0.698 | (a) | AN115928 | 1.865 – 1.885 | 1.065 – 1.125 |
| AN115911 | 0.740 - 0.760 | (a) | AN115929 | 1.990 – 2.010 | 1.190 – 1.250 |
| AN115912 | 0.802 - 0.822 | (a) | AN115930 | 2.115 – 2.135 | 1.315 – 1.375 |
| AN115913 | 0.865 - 0.885 | 0.065 – 0.125 | AN115931 | 2.240 – 2.260 | 1.460 – 1.500 |
| AN115914 | 0.928 - 0.948 | 0.128 – 0.188 | AN115932 | 2.365 – 2.385 | 1.565 – 1.625 |
| AN115915 | 0.990 - 1.010 | 0.190 – 0.250 | AN115933 | 2.490 – 2.510 | 1.690 – 1.750 |
| AN115916 | 1.052 – 1.072 | 0.252 – 0.312 | AN115934 | 2.615 – 2.635 | 1.815 – 1.875 |
| AN115917 | 1.115 – 1.135 | 0.315 – 0.375 | AN115935 | 2.740 – 2.760 | 1.960 – 2.000 |
| AN115918 | 1.178 – 1.198 | 0.378 – 0.438 | AN115936 | 2.865 – 2.885 | 2.065 – 2.125 |
| AN115919 | 1.240 – 1.260 | 0.440 – 0.500 | AN115937 | 2.990 – 3.010 | 2.190 – 2.250 |
| AN115920 | 1.302 – 1.322 | 0.502 – 0.562 | | | |
| AN115921 | 1.365 – 1.385 | 0.565 – 0.625 | | | |
| AN115922 | 1.428 – 1.448 | 0.628 – 0.688 | | | |

(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 AN115905 THRU AN115915 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 MICROINCHES Ra.
- MARK MATERIAL CODE "E11" AS SHOWN PER AS269 AND MANUFACTURER'S IDENTIFICATION RAISED OR DEPRESSED .010 MAX PER AS 478 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).

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|---|---|--|-------------------|
|  <p>An SAE International Group</p> | AEROSPACE STANDARD |  AS115901 THRU AS115950 SHEET 3 OF 4 | REV. C |
| | SCREW – FLAT FILLISTER, DRILLED HEAD, CADMIUM PLATED, STEEL UNS G87400, 125 KSI MIN .2500-28 UNF – 3A | | |