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**REV.  
A**

**AS150501 THRU  
AS150800**

FEDERAL SUPPLY CLASS  
5307

**RATIONALE**

STANDARD UPDATED TO CURRENT PRACTICES AND SCREW THREAD STANDARD ADDED.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN FROM U. S. MILITARY STANDARD AN150501 THRU AN150800 REVISION 3, NOTICE 2. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL DOCUMENT.

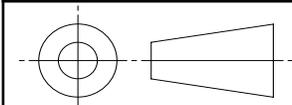
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**WARNING**

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.

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THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

ISSUED 1999-12 REVISED 2006-08

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

(R) STUD, STEPPED, 1.5 DIA ENGAGEMENT,  
CADMIUM PLATED, STEEL UNS G87400,  
.2500-20 UNS X .1900-32 UNF-3A

**AS150501 THRU  
AS150800  
SHEET 1 OF 3**

**REV.  
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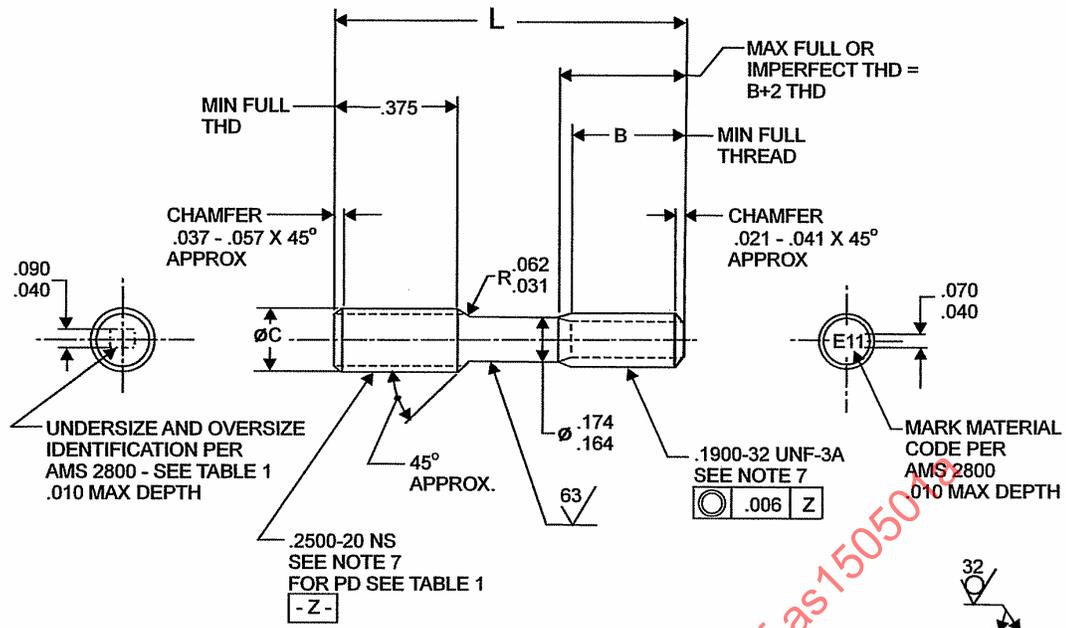


FIGURE 1 - STUD

TABLE 1 - PART NUMBERS AND DIMENSIONS

		-0.003	STANDARD	+0.003	+0.006	+0.009	+0.012
UNDERSIZE AND OVERSIZE IDENTIFICATION		$\text{(-3)}$	$\text{O}$	$\text{(+3)}$	$\text{(+6)}$	$\text{(+9)}$	$\text{(+12)}$
C		.245 - .250	.245 - .250	.245 - .250	.245 - .250	.254 - .259	.254 - .259
PD BEFORE PLATING		.2183 - .2193	.2213 - .2223	.2243 - .2250	.2273 - .2283	.2303 - .2313	.2333 - .2343
PD AFTER PLATING		.2188 - .2203	.2218 - .2233	.2248 - .2263	.2278 - .2293	.2308 - .2323	.2338 - .2353
PD LEAD THREAD		.2125 - .2145	.2155 - .2175	.2185 - .2175	.2215 - .2235	.2245 - .2265	.2275 - .2295
L	B	PART NUMBER					
.875	.375	AN150519	AN150520	AN150521	AN150522	AN150523	AN150524
.938	.438	AN150525	AN150526	AN150527	AN150528	AN150529	AN150530
1.000	.500	AN150531	AN150532	AN150533	AN150534	AN150535	AN150536
1.062	.500	AN150537	AN150538	AN150539	AN150540	AN150541	AN150542
1.125	.500	AN150543	AN150544	AN150545	AN150546	AN150547	AN150548
1.188	.500	AN150549	AN150550	AN150551	AN150552	AN150553	AN150554
1.250	.500	AN150555	AN150556	AN150557	AN150558	AN150559	AN150560
1.312	.500	AN150561	AN150562	AN150563	AN150564	AN150565	AN150566
1.375	.500	AN150567	AN150568	AN150569	AN150570	AN150571	AN150572
1.438	.500	AN150573	AN150574	AN150575	AN150576	AN150577	AN150578
1.500	.500	AN150579	AN150580	AN150581	AN150582	AN150583	AN150584
1.562	.500	AN150585	AN150586	AN150587	AN150588	AN150589	AN150590
1.625	.500	AN150591	AN150592	AN150593	AN150594	AN150595	AN150596
1.688	.500	AN150597	AN150598	AN150599	AN150600	AN150601	AN150602