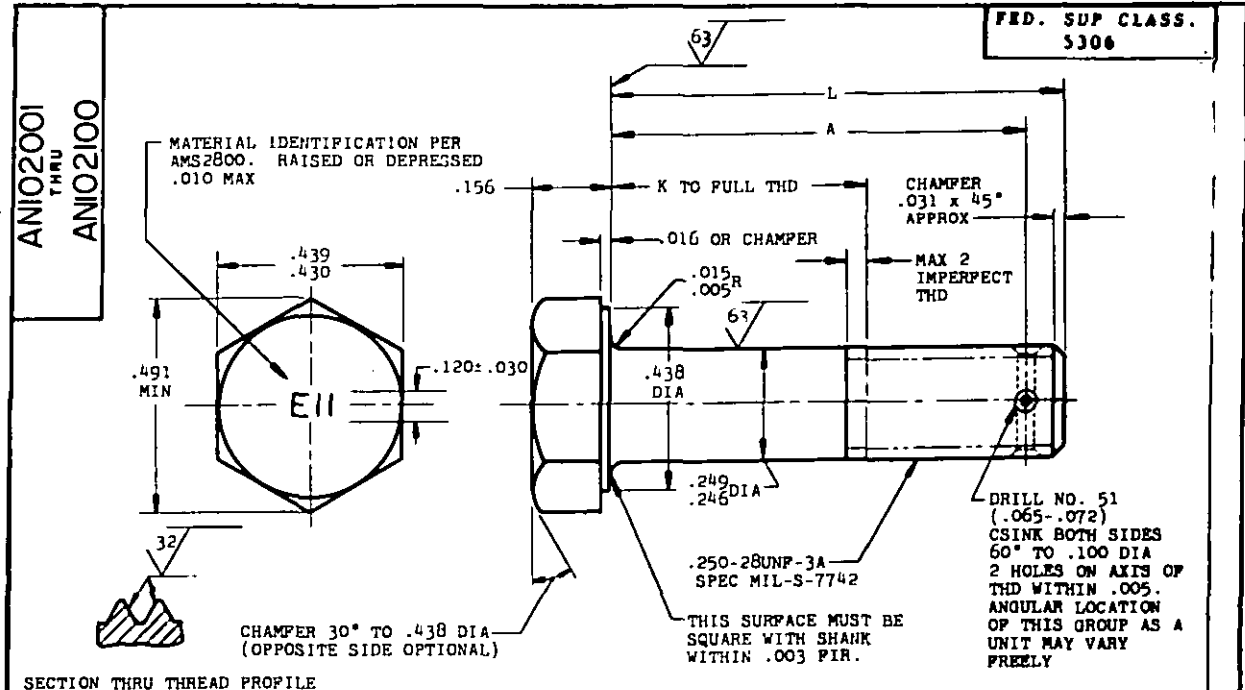


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SECTION THRU THREAD PROFILE

L	A	K	PART NO.	L	A	K	PART NO.	L	A	K	PART NO.
		+ .000 - .060				+ .000 - .060				+ .000 - .060	
.500	.390	(a)	AN102006	1.750	1.640	1.125	AN102026	4.375	4.265	3.750	AN102047
.562	.452	(a)	AN102007	1.875	1.765	1.250	AN102027	4.500	4.390	3.875	AN102048
.625	.515	(a)	AN102008	2.000	1.890	1.375	AN102028	4.625	4.515	4.000	AN102049
.688	.578	(a)	AN102009	2.125	2.015	1.500	AN102029	4.750	4.640	4.125	AN102050
.750	.640	.125	AN102010	2.250	2.140	1.625	AN102030	4.875	4.765	4.250	AN102051
.812	.702	.188	AN102011	2.375	2.265	1.750	AN102031	5.000	4.890	4.375	AN102052
.875	.765	.250	AN102012	2.500	2.390	1.875	AN102032	5.125	5.015	4.500	AN102053
.938	.828	.312	AN102013	2.625	2.515	2.000	AN102033	5.250	5.140	4.625	AN102054
1.000	.890	.375	AN102014	2.750	2.640	2.125	AN102034	5.375	5.265	4.750	AN102055
1.062	.952	.438	AN102015	2.875	2.765	2.250	AN102035	5.500	5.390	4.875	AN102056
1.125	1.015	.500	AN102016	3.000	2.890	2.375	AN102036	5.625	5.515	5.000	AN102057
1.188	1.078	.562	AN102017	3.125	3.015	2.500	AN102037	5.750	5.640	5.125	AN102058
1.250	1.140	.625	AN102018	3.250	3.140	2.625	AN102038	5.875	5.765	5.250	AN102059
1.312	1.202	.688	AN102019	3.375	3.265	2.750	AN102039	6.000	5.890	5.375	AN102060
1.375	1.265	.750	AN102020	3.500	3.390	2.875	AN102040				
1.438	1.328	.812	AN102021	3.625	3.515	3.000	AN102041				
1.500	1.390	.875	AN102022	3.750	3.640	3.125	AN102042				
1.562	1.452	.938	AN102023	3.875	3.765	3.250	AN102043				
1.625	1.515	1.000	AN102024	4.000	3.890	3.375	AN102044				
1.688	1.578	1.062	AN102025	4.125	4.015	3.500	AN102045				
				4.250	4.140	3.625	AN102046				

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.
 NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .003 FIR PER INCH OF BOLT LENGTH.
 (2) THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
 (3) THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .013 FIR.

MATERIAL: STEEL AMS6322
 HARDNESS: ROCKWELL C26-32
 FINISH: CADMIUM PLATE AMS2400
 SURFACE ROUGHNESS: A3107
 MANUFACTURING SPECIFICATION: AMS7452

(3) INSPECTION: ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS2840
 BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±2°.
 DO NOT USE UNASSIGNED PART NUMBERS.

INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969 NO SUPERSEDING STANDARD.
 THIS STANDARD WAS DEVELOPED COOPERATIVELY BY THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

P. A. AF-11 CUST: NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN102001 THRU AN102100
	BOLT - HEX HEAD, DRILLED SHANK, .250-28	

APPROVED 8 JUN 69 BY [Signature] 20 June 1968