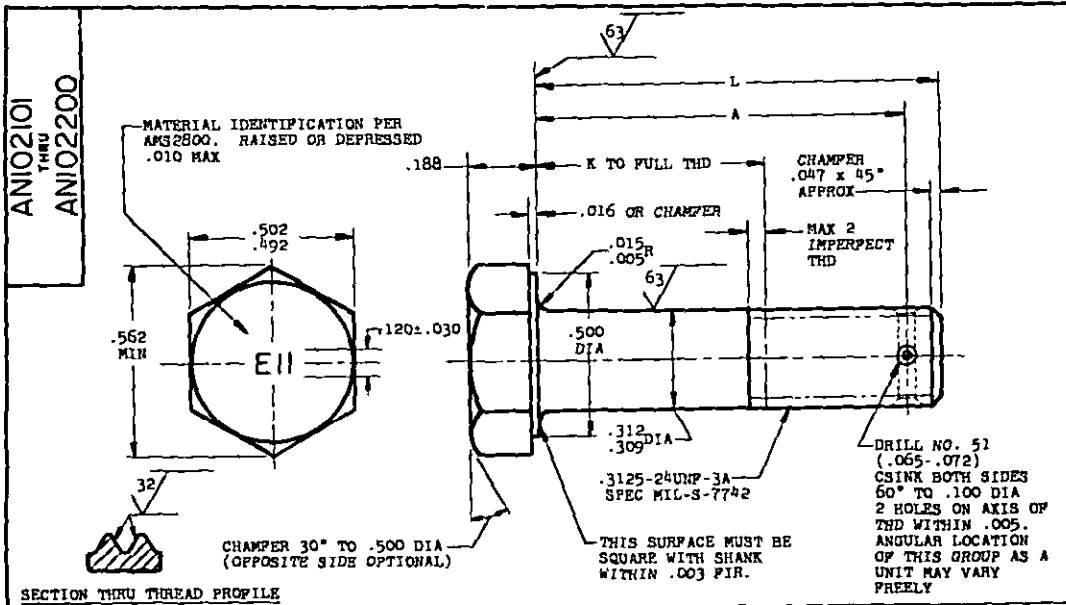


NOTES: When Governmental drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the Government assumes no liability in any manner, for any and all such use. It is the policy of the Department of Defense to purchase in accordance with the provisions of the Federal Acquisition Regulation (FAR) and to purchase in accordance with the provisions of the FAR. It is the policy of the Department of Defense to purchase in accordance with the provisions of the FAR. It is the policy of the Department of Defense to purchase in accordance with the provisions of the FAR.

NOTE: This drawing was approved by Joint Chiefs of Staff on 11/11/50. It is the property of the Air Force and Navy Departments and the Air Force-Navy Standardization Board. The drawing is to be used for the design and manufacture of parts and assemblies. It is the property of the Air Force and Navy Departments and the Air Force-Navy Standardization Board. The drawing is to be used for the design and manufacture of parts and assemblies. It is the property of the Air Force and Navy Departments and the Air Force-Navy Standardization Board. The drawing is to be used for the design and manufacture of parts and assemblies.



SECTION THRU THREAD PROFILE

L	A	K +.000 -.060	PART NO.	L	A	K +.000 -.060	PART NO.	L	A	K +.000 -.060	PART NO.
.625	.515	(a)	AN102106	1.875	1.765	1.188	AN102125	4.500	4.390	3.812	AN102146
.688	.578	(a)	AN102107	2.000	1.890	1.312	AN102126	4.625	4.515	3.938	AN102147
.750	.640	(a)	AN102108	2.375	2.265	1.688	AN102129	5.000	4.890	4.312	AN102150
.812	.702	.125	AN102109	2.500	2.390	1.812	AN102130	5.125	5.015	4.438	AN102151
.875	.765	.188	AN102110	2.625	2.515	1.938	AN102131	5.250	5.140	4.562	AN102152
.938	.828	.250	AN102111	2.750	2.640	2.062	AN102132	5.375	5.265	4.688	AN102153
1.000	.890	.312	AN102112	2.875	2.765	2.188	AN102133	5.500	5.390	4.812	AN102154
1.062	.952	.375	AN102113	3.000	2.890	2.312	AN102134	5.625	5.515	4.938	AN102155
1.125	1.015	.438	AN102114	3.125	3.015	2.438	AN102135	5.750	5.640	5.062	AN102156
1.188	1.078	.500	AN102115	3.250	3.140	2.562	AN102136	5.875	5.765	5.188	AN102157
1.250	1.140	.562	AN102116	3.375	3.265	2.688	AN102137	6.000	5.890	5.312	AN102158
1.312	1.202	.625	AN102117	3.500	3.390	2.812	AN102138				
1.375	1.265	.688	AN102118	3.625	3.515	2.938	AN102139				
1.438	1.328	.750	AN102119	3.750	3.640	3.062	AN102140				
1.500	1.390	.812	AN102120	3.875	3.765	3.188	AN102141				
1.562	1.452	.875	AN102121	4.000	3.890	3.312	AN102142				
1.625	1.515	.938	AN102122	4.125	4.015	3.438	AN102143				
1.688	1.578	1.000	AN102123	4.250	4.140	3.562	AN102144				
1.750	1.640	1.062	AN102124	4.375	4.265	3.688	AN102145				

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.
 NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .003 PIR PER INCH OF BOLT LENGTH.
 (2) THE CONCENTRICITY OF THREAD ID IN RELATION TO THE SHANK SHALL BE WITHIN .006 PIR.
 (3) THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .015 PIR.

MATERIAL: STEEL AMS6322
 HARDNESS: ROCKWELL C26-32
 FINISH: CADMIUM PLATE AMS2400
 SURFACE ROUGHNESS: A3107
 MANUFACTURING SPECIFICATION: AMS7452 PARTS SUBJECT TO MAGNETIC INSPECTION PER AMS2640.
 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.

② INACTIVE FOR NEW DESIGN AFTER 3 MAR 1970 NO SUPERSEDING STANDARD.
 THIS STANDARD WAS DEVELOPED COOPERATIVELY BY THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN102101 THRU AN102200
	BOLT - HEX HEAD, DRILLED SHANK, .3125-24	

APPROVED 8 June 49 REVISED 1 31 Aug 51 2 3 Mar 69