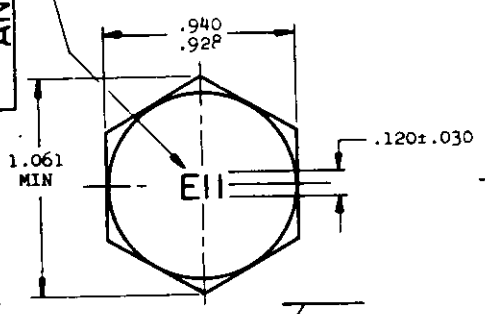


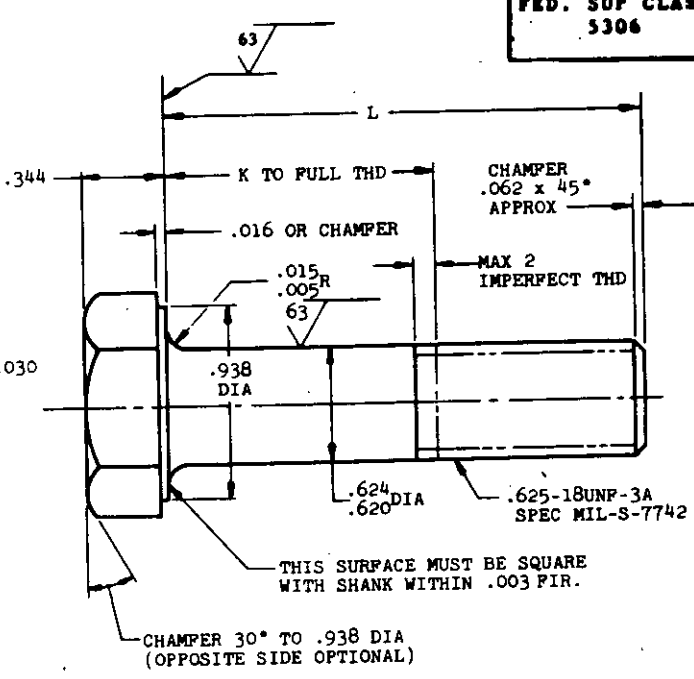
FED. SUP CLASS.
 5306

AN101701
 THRU
 AN101800

MATERIAL IDENTIFICATION PER
 AMS2800. RAISED OR DEPRESSED
 .010 MAX



SECTION THRU THREAD PROFILE



NOTICE: When Government 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 fact that the Government may have furnished, furnished, or in any way applied the said drawings, specifications, or other data is not to be regarded as an implied warranty in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patent invention that may in any way be related thereto.

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall become effective for the procurement of aeronautical supplies, or for use in new design, not later than 9 months after the latest date of approval above.

L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.
			1.812	.812	AN101717	3.500	2.500	AN101731	5.250	4.250	AN101745
			1.875	.875	AN101718	3.625	2.625	AN101732	5.375	4.375	AN101746
			2.000	1.000	AN101719	3.750	2.750	AN101733	5.500	4.500	AN101747
1.125	.125	AN101706	2.125	1.125	AN101720	3.875	2.875	AN101734	5.625	4.625	AN101748
1.188	.188	AN101707	2.250	1.250	AN101721	4.000	3.000	AN101735	5.750	4.750	AN101749
1.250	.250	AN101708	2.375	1.375	AN101722	4.125	3.125	AN101736	5.875	4.875	AN101750
1.312	.312	AN101709	2.500	1.500	AN101723	4.250	3.250	AN101737	6.000	5.000	AN101751
1.375	.375	AN101710	2.625	1.625	AN101724	4.375	3.375	AN101738			
1.438	.438	AN101711	2.750	1.750	AN101725	4.500	3.500	AN101739			
1.500	.500	AN101712	2.875	1.875	AN101726	4.625	3.625	AN101740			
1.562	.562	AN101713	3.000	2.000	AN101727	4.750	3.750	AN101741			
1.625	.625	AN101714	3.125	2.125	AN101728	4.875	3.875	AN101742			
1.688	.688	AN101715	3.250	2.250	AN101729	5.000	4.000	AN101743			
1.750	.750	AN101716	3.375	2.375	AN101730	5.125	4.125	AN101744			

- NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .002 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 .028 FIR.

MATERIAL: STEEL AMS6322
 HARDNESS: ROCKWELL C20-32
 FINISH: CADMIUM PLATE AMS2400
 SURFACE ROUGHNESS: AS107

MANUFACTURING SPECIFICATION: AMS7452
 INSPECTION: ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH 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.

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	AN101701 THRU AN101800
	BOLT - HEX HEAD .625-18	

APPROVED 8 June 49 REVISED 131 Aug 51 2 3 Mar 69 3 30 June 1966