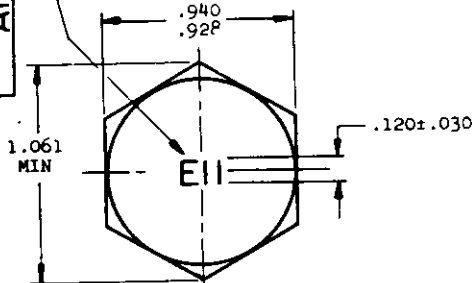


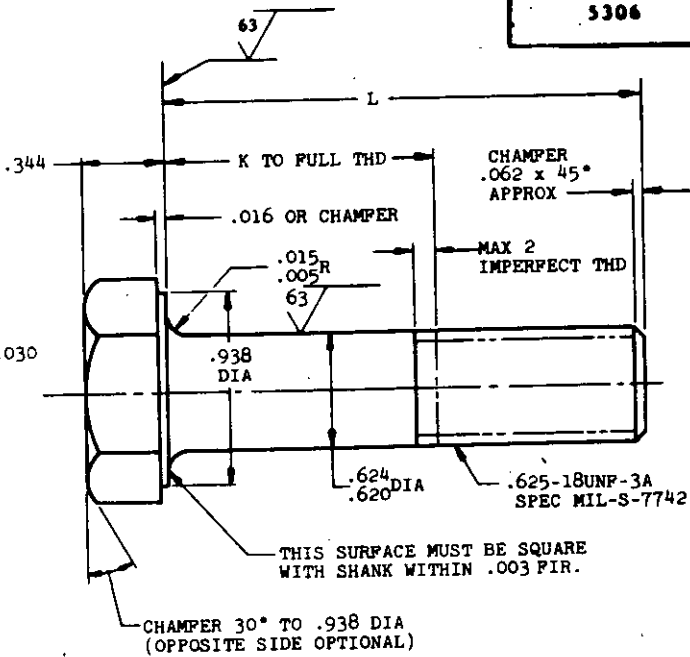
FED. SUP CLASS.
5306

AN101701
THRU
AN101800

MATERIAL IDENTIFICATION PER
AMS2800. RAISED OR DEPRESSED
.010 MAX



SECTION THRU THREAD PROFILE



THIS SURFACE MUST BE SQUARE
WITH SHANK WITHIN .003 FIR.

CHAMFER 30° TO .938 DIA
(OPPOSITE SIDE OPTIONAL)

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

- ③ 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

BOLT - HEX HEAD .625-18

AN101701
THRU
AN101800

APPROVED 8 June 49 REVISED 131 Aug 51 2 3 Mar 69 3 30 June 1968

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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.