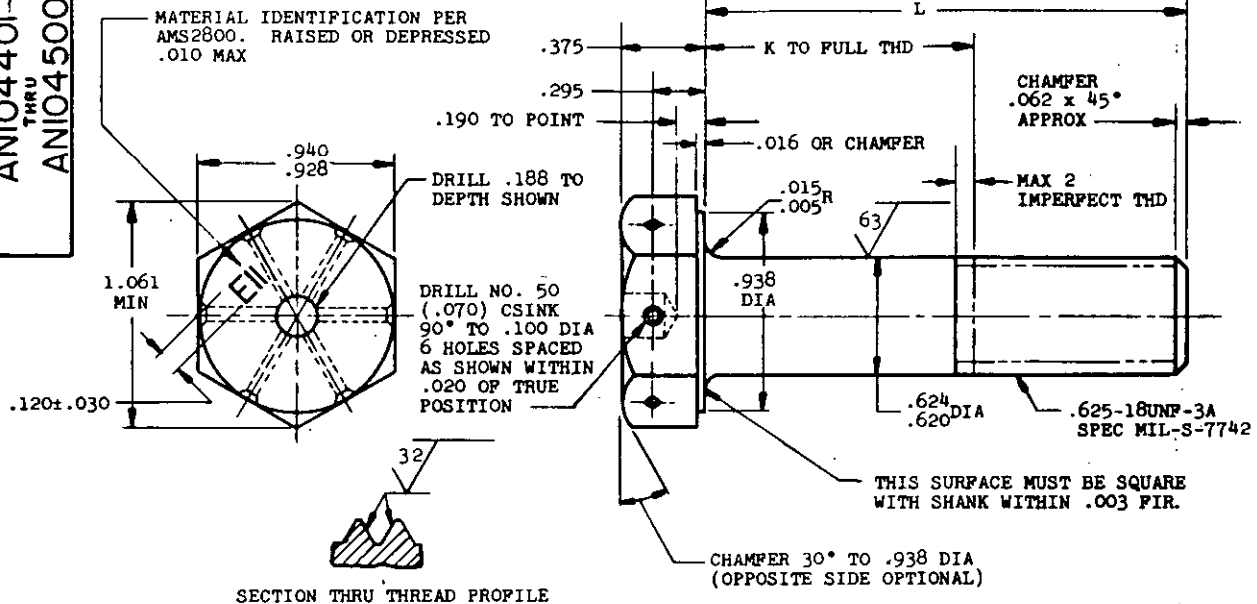


FED. SUP. CLASS.  
5306AN104401  
THRU  
AN104500

L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.
			1.938	.438	AN104417	3.125	1.625	AN104431	4.875	3.375	AN104445
			2.000	.500	AN104418	3.250	1.750	AN104432	5.000	3.500	AN104446
			2.062	.562	AN104419	3.375	1.875	AN104433	5.125	3.625	AN104447
1.250	(a)	AN104406	2.125	.625	AN104420	3.500	2.000	AN104434	5.250	3.750	AN104448
1.312	(a)	AN104407	2.188	.688	AN104421	3.625	2.125	AN104435	5.375	3.875	AN104449
1.375	(a)	AN104408	2.250	.750	AN104422	3.750	2.250	AN104436	5.500	4.000	AN104450
1.438	(a)	AN104409	2.312	.812	AN104423	3.875	2.375	AN104437	5.625	4.125	AN104451
1.500	(a)	AN104410	2.375	.875	AN104424	4.000	2.500	AN104438	5.750	4.250	AN104452
1.562	(a)	AN104411	2.438	.938	AN104425	4.125	2.625	AN104439	5.875	4.375	AN104453
1.625	(a)	AN104412	2.500	1.000	AN104426	4.250	2.750	AN104440	6.000	4.500	AN104454
1.688	.188	AN104413	2.625	1.125	AN104427	4.375	2.875	AN104441			
1.750	.250	AN104414	2.750	1.250	AN104428	4.500	3.000	AN104442			
1.812	.312	AN104415	2.875	1.375	AN104429	4.625	3.125	AN104443			
1.875	.375	AN104416	3.000	1.500	AN104430	4.750	3.250	AN104444			

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.

- 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 C26-32

FINISH: CADMIUM PLATE AMS2400

SURFACE ROUGHNESS: AS107

MANUFACTURING SPECIFICATION: AMS7452

② 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-II  
CUST. NAVY-AS  
ARMY-AV

AIR FORCE-NAVY AERONAUTICAL STANDARD

BOLT - DRILLED HEX HEAD, 6 HOLES, .625-18

AN104401

THRU

AN104500

Project No. 5306-1028