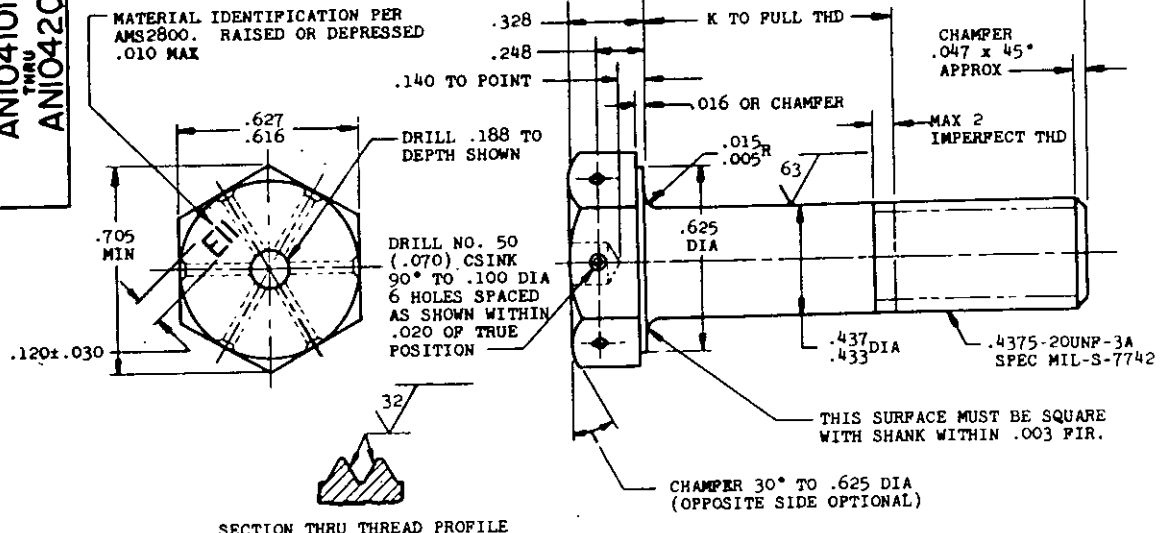


FED. SUP. CLASS.
 5306

AN104101
 THRU
 AN104200



SECTION THRU THREAD PROFILE

L	K	PART NO.	L	K	PART NO.	L	K	PART NO.	L	K	PART NO.
	+ .000 - .060			+ .000 - .060			+ .000 - .060			+ .000 - .060	
.750	(a)	AN104106	1.562	.438	AN104119	2.750	1.625	AN104133	4.500	3.375	AN104147
.812	(a)	AN104107	1.625	.500	AN104120	2.875	1.750	AN104134	4.625	3.500	AN104148
.875	(a)	AN104108	1.688	.562	AN104121	3.000	1.875	AN104135	4.750	3.625	AN104149
.938	(a)	AN104109	1.750	.625	AN104122	3.125	2.000	AN104136	4.875	3.750	AN104150
1.000	(a)	AN104110	1.812	.688	AN104123	3.250	2.125	AN104137	5.000	3.875	AN104151
1.062	(a)	AN104111	1.875	.750	AN104124	3.375	2.250	AN104138	5.125	4.000	AN104152
1.125	(a)	AN104112	1.938	.812	AN104125	3.500	2.375	AN104139	5.250	4.125	AN104153
1.188	(a)	AN104113	2.000	.875	AN104126	3.625	2.500	AN104140	5.375	4.250	AN104154
1.250	(a)	AN104114	2.062	.938	AN104127	3.750	2.625	AN104141	5.500	4.375	AN104155
1.312	.188	AN104115	2.125	1.000	AN104128	3.875	2.750	AN104142	5.625	4.500	AN104156
1.375	.250	AN104116	2.250	1.125	AN104129	4.000	2.875	AN104143	5.750	4.625	AN104157
1.438	.312	AN104117	2.375	1.250	AN104130	4.125	3.000	AN104144	5.875	4.750	AN104158
1.500	.375	AN104118	2.500	1.375	AN104131	4.250	3.125	AN104145	6.000	4.875	AN104159
			2.625	1.500	AN104132	4.375	3.250	AN104146			

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

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .0025 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 .019 FIR.

MATERIAL: STEEL AMS6322
 HARDNESS: ROCKWELL C26-32
 FINISH: CADMIUM PLATE AMS2400
 SURFACE ROUGHNESS: AS107
 MANUFACTURING SPECIFICATION: AMS7452
 (c) 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	AN104101 THRU AN104200
	BOLT - DRILLED HEX HEAD, 6 HOLES, .4375-20	

Project No. 5306-1025

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 standard for this product. This drawing supersedes all antecedent drawings of this part. It is the responsibility of the user to determine the applicability of this drawing to his own design and to verify the dimensions of the part against the drawing before the start of the manufacturing process.

APPROVED 8 June 49 REVISED 1 Jul Aug 51 2 3 Mar 69 30 June 66