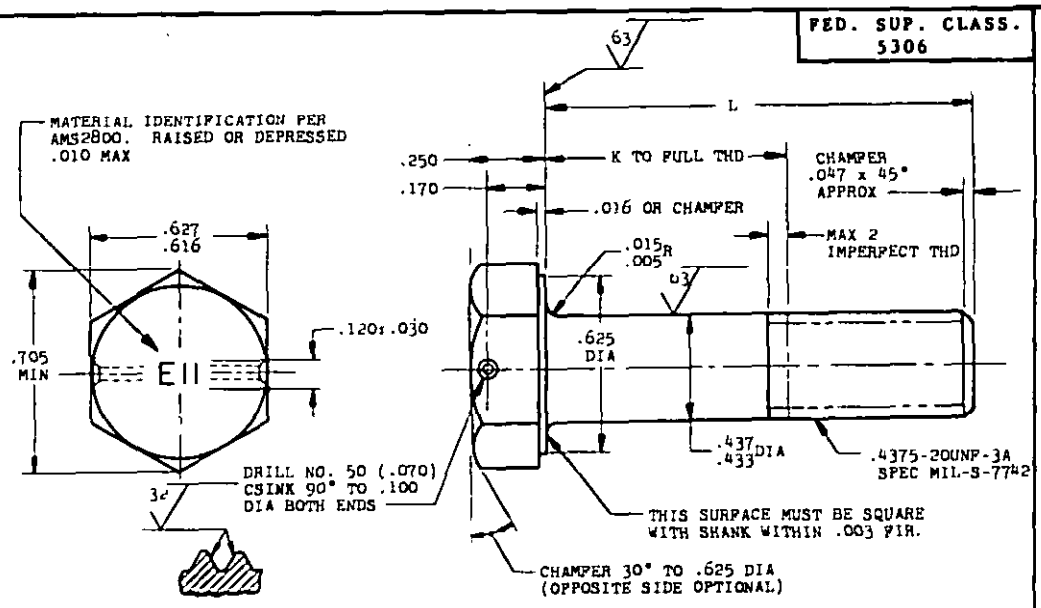
AN03201 THRU AN03300

FED. SUP. CLASS. 5306



SECTION THRU THREAD PROFILE

L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.
.750	(a)	AN103206	1.562	.438	AN103219	2.750	1.625	AN103233	4.500	3.375	AN103247
.812	(a)	AN103207	1.625	.500	AN103220	2.875	1.750	AN103234	4.625	3.500	AN103248
			1.688	.562	AN103221	3.000	1.875	AN103235	4.750	3.625	AN103249
.875	(a)	AN103208	1.750	.625	AN103222	3.125	2.000	AN103236	4.875	3.750	AN103250
.938	(a)	AN103209	1.812	.688	AN103223	3.250	2.125	AN103237	5.000	3.875	AN103251
1.000	(a)	AN103210	1.875	.750	AN103224	3.375	2.250	AN103238	5.125	4.000	AN103252
1.062	(a)	AN103211	1.938	.812	AN103225	3.500	2.375	AN103239	5.250	4.125	AN103253
1.125	(a)	AN103212	2.000	.875	AN103226	3.625	2.500	AN103240	5.375	4.250	AN103254
1.188	(a)	AN103213	2.062	.938	AN103227	3.750	2.625	AN103241	5.500	4.375	AN103255
1.250	(a)	AN103214	2.125	1.000	AN103228	3.875	2.750	AN103242	5.625	4.500	AN103256
1.312	.188	AN103215	2.250	1.125	AN103229	4.000	2.875	AN103243	5.750	4.625	AN103257
1.375	.250	AN103216	2.375	1.250	AN103230	4.125	3.000	AN103244	5.875	4.750	AN103258
1.438	.312	AN103217	2.500	1.375	AN103231	4.250	3.125	AN103245	6.000	4.875	AN103259
1.500	.375	AN103218	2.625	1.500	AN103232	4.375	3.250	AN103246			

(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 SPECIFICATIONS 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: TOLERENCES: 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.

APPROVED 8 June 49 REVISED (1) 31 Aug 54 (2) 3 Mar 69 (3) 30 June 86

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P.A. AF-11
CUST. NAVY-AS
ARMY-AV

AIR FORCE-NAVY AERONAUTICAL STANDARD

BOLT - DRILLED HEX HEAD, 1 HOLE, .4375-20

AN03201 THRU AN03300

Project No. 5306-1017