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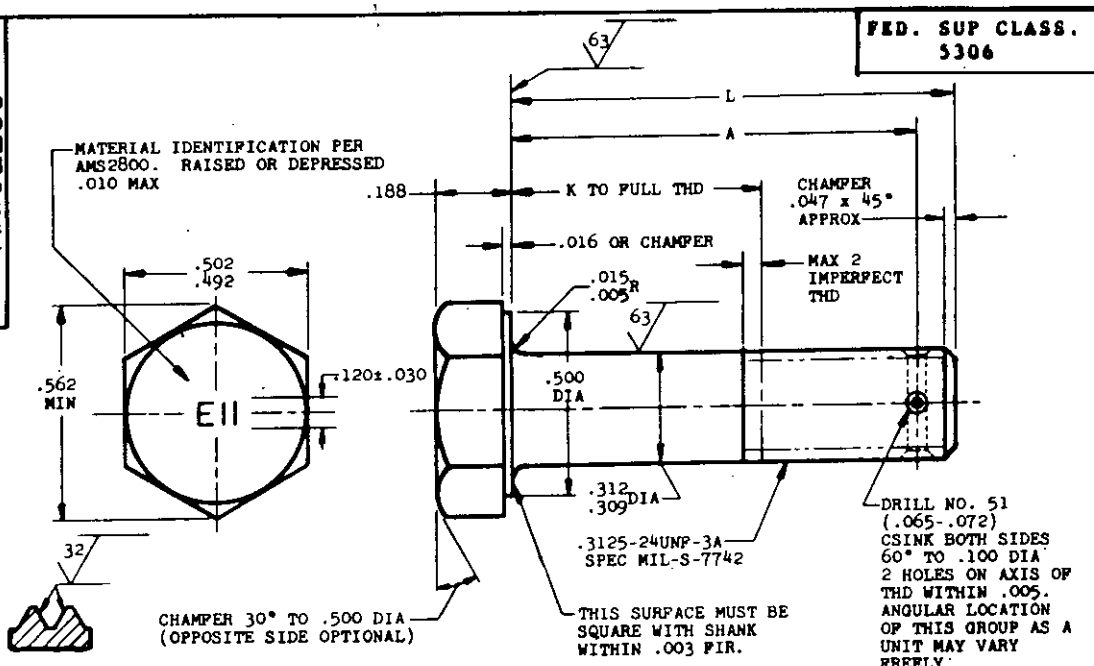
AN102101 THRU AN102200

FED. SUP CLASS. 5306



SECTION THRU THREAD PROFILE

L	A	K +.000 -.060	PART NO.	L	A	K +.000 -.060	PART NO.	L	A	K +.000 -.060	PART NO.
				1.875	1.765	1.188	AN102125	4.500	4.390	3.812	AN102146
				2.000	1.890	1.312	AN102126	4.625	4.515	3.938	AN102147
.625	.515	(a)	AN102106	2.125	2.015	1.438	AN102127	4.750	4.640	4.062	AN102148
.688	.578	(a)	AN102107	2.250	2.140	1.562	AN102128	4.875	4.765	4.188	AN102149
.750	.640	(a)	AN102108	2.375	2.265	1.688	AN102129	5.000	4.890	4.312	AN102150
.812	.702	.125	AN102109	2.500	2.390	1.812	AN102130	5.125	5.015	4.438	AN102151
.875	.765	.188	AN102110	2.625	2.515	1.938	AN102131	5.250	5.140	4.562	AN102152
.938	.828	.250	AN102111	2.750	2.640	2.062	AN102132	5.375	5.265	4.688	AN102153
1.000	.890	.312	AN102112	2.875	2.765	2.188	AN102133	5.500	5.390	4.812	AN102154
1.062	.952	.375	AN102113	3.000	2.890	2.312	AN102134	5.625	5.515	4.938	AN102155
1.125	1.015	.438	AN102114	3.125	3.015	2.438	AN102135	5.750	5.640	5.062	AN102156
1.188	1.078	.500	AN102115	3.250	3.140	2.562	AN102136	5.875	5.765	5.188	AN102157
1.250	1.140	.562	AN102116	3.375	3.265	2.688	AN102137	6.000	5.890	5.312	AN102158
1.312	1.202	.625	AN102117	3.500	3.390	2.812	AN102138				
1.375	1.265	.688	AN102118	3.625	3.515	2.938	AN102139				
1.438	1.328	.750	AN102119	3.750	3.640	3.062	AN102140				
1.500	1.390	.812	AN102120	3.875	3.765	3.188	AN102141				
1.562	1.452	.875	AN102121	4.000	3.890	3.312	AN102142				
1.625	1.515	.938	AN102122	4.125	4.015	3.438	AN102143				
1.688	1.578	1.000	AN102123	4.250	4.140	3.562	AN102144				
1.750	1.640	1.062	AN102124	4.375	4.265	3.688	AN102145				

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

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .003 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 .015 FIR.

MATERIAL: STEEL AMS6322
HARDNESS: ROCKWELL C26-32
FINISH: CADMIUM PLATE AMS2400
SURFACE ROUGHNESS: AS107
MANUFACTURING SPECIFICATION: AMS7452
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.
(3) INSPECTION: ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS2640

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 31 Aug 64 REVISED 3 Mar 69 10 June 1986

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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 new/initial supplies or for use in new design, not later than 6 months after the latest date of approval shown.

P.A. AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD BOLT - HEX HEAD, DRILLED SHANK, .3125-24	AN102101 THRU AN102200

Project No. 5306-1006