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AN101901 THRU AN102000

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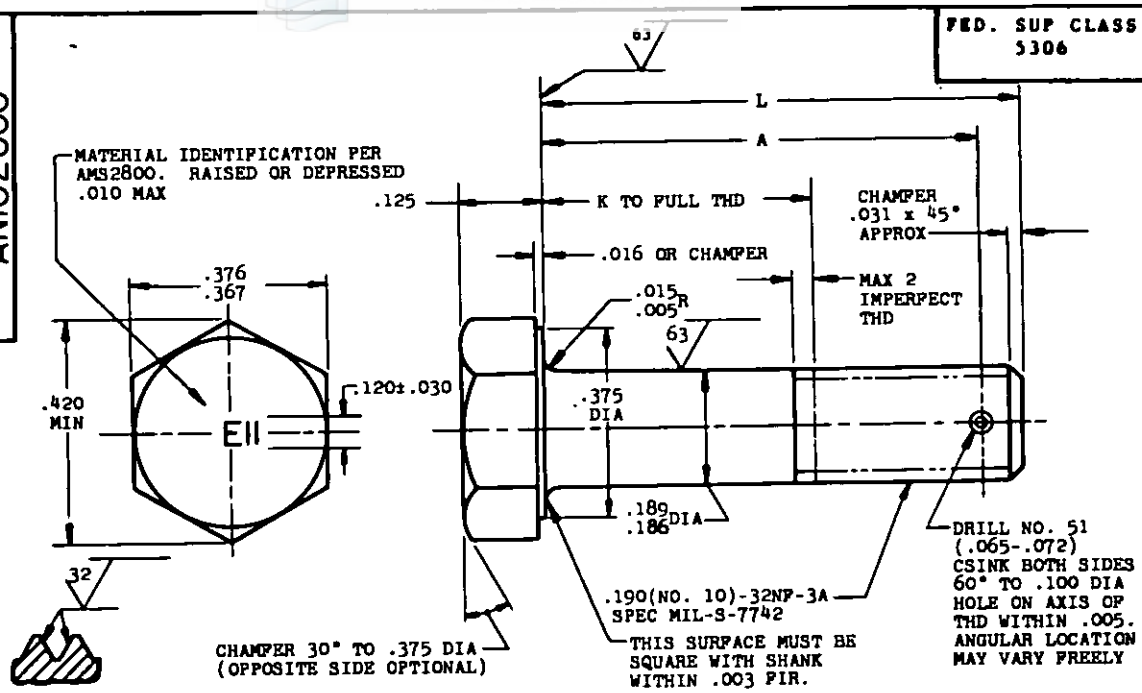

SECTION THRU THREAD PROFILE

L	A	K +.000 -.060	PART NO.	L	A	K +.000 -.060	PART NO.	L	A	K +.000 -.060	PART NO.
				1.250	1.140	.688	AN101920	3.625	3.515	3.062	AN101941
				1.312	1.202	.750	AN101921	3.750	3.640	3.188	AN101942
				1.375	1.265	.812	AN101922	3.875	3.765	3.312	AN101943
				1.438	1.328	.875	AN101923				
				1.500	1.390	.938	AN101924				
				1.625	1.515	1.062	AN101925				
				1.750	1.640	1.188	AN101926				
.375	.265	(a)	AN101906	1.875	1.765	1.312	AN101927				
.438	.328	(a)	AN101907	2.000	1.890	1.438	AN101928				
.500	.390	(a)	AN101908	2.125	2.015	1.562	AN101929				
.562	.452	(a)	AN101909	2.250	2.140	1.688	AN101930				
.625	.515	(a)	AN101910	2.375	2.265	1.812	AN101931				
.688	.578	.125	AN101911	2.500	2.390	1.938	AN101932				
.750	.640	.188	AN101912	2.625	2.515	2.062	AN101933				
.812	.702	.250	AN101913	2.750	2.640	2.188	AN101934				
.875	.765	.312	AN101914	2.875	2.765	2.312	AN101935				
.938	.828	.375	AN101915	3.000	2.890	2.438	AN101936				
1.000	.890	.438	AN101916	3.125	3.015	2.562	AN101937				
1.062	.952	.500	AN101917	3.250	3.140	2.688	AN101938				
1.125	1.015	.562	AN101918	3.375	3.265	2.812	AN101939				
1.188	1.078	.625	AN101919	3.500	3.390	2.938	AN101940				

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

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .004 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 .011 FIR.

MATERIAL: STEEL AMS6322
HARDNESS: ROCKWELL C26-32
FINISH: CADMIUM PLATE AMS2400
SURFACE ROUGHNESS: AS107
MANUFACTURING SPECIFICATION: AMS7452 PARTS SUBJECT TO MAGNETIC INSPECTION PER AMS2640.
(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.

APPROVED 8 June 49 REVISED (1) 21 Aug 54 (2) 3 Mar 69 (3) 30 June 1986

P.A. AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD BOLT - HEX HEAD, DRILLED SHANK, .190-32	AN101901 THRU AN102000

5306-1004

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