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AN102701 THRU AN102800

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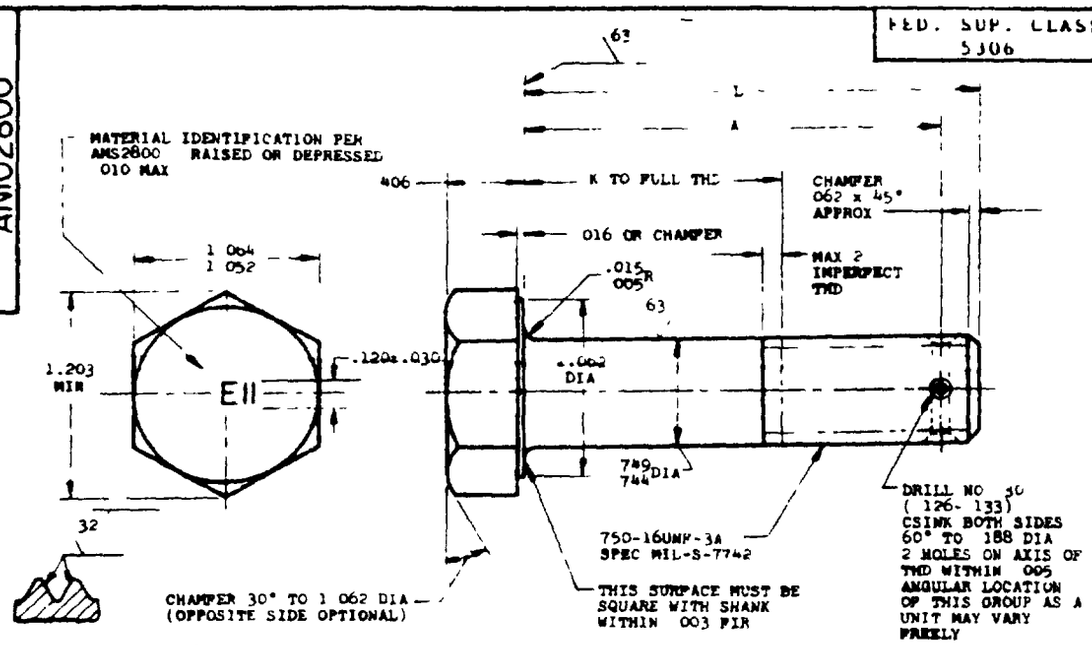

SECTION THRU THREAD PROFILE

L	A	K +.000 -.060	PART NO	L	A	K +.000 -.060	PART NO	L	A	K +.000 -.060	PART NO
				2.750	2.590	1.625	AN102724	5.375	5.215	4.250	AN102745
				2.875	2.715	1.750	AN102725	5.500	5.340	4.375	AN102746
				3.000	2.840	1.875	AN102726	5.625	5.465	4.500	AN102747
1.250	1.090	.125	AN102706	3.125	2.965	2.000	AN102727	5.750	5.590	4.625	AN102748
1.312	1.152	.188	AN102707	3.250	3.090	2.125	AN102728	5.875	5.715	4.750	AN102749
1.375	1.215	.250	AN102708	3.375	3.215	2.250	AN102729	6.000	5.840	4.875	AN102750
1.438	1.278	.312	AN102709	3.500	3.340	2.375	AN102730				
1.500	1.340	.375	AN102710	3.625	3.465	2.500	AN102731				
1.562	1.402	.438	AN102711	3.750	3.590	2.625	AN102732				
1.625	1.465	.500	AN102712	3.875	3.715	2.750	AN102733				
1.688	1.528	.562	AN102713	4.000	3.840	2.875	AN102734				
1.750	1.590	.625	AN102714	4.125	3.965	3.000	AN102735				
1.812	1.652	.688	AN102715	4.250	4.090	3.125	AN102736				
1.875	1.715	.750	AN102716	4.375	4.215	3.250	AN102737				
1.938	1.778	.812	AN102717	4.500	4.340	3.375	AN102738				
2.000	1.840	.875	AN102718	4.625	4.465	3.500	AN102739				
2.125	1.965	1.000	AN102719	4.750	4.590	3.625	AN102740				
2.250	2.090	1.125	AN102720	4.875	4.715	3.750	AN102741				
2.375	2.215	1.250	AN102721	5.000	4.840	3.875	AN102742				
2.500	2.340	1.375	AN102722	5.125	4.965	4.000	AN102743				
2.625	2.465	1.500	AN102723	5.250	5.090	4.125	AN102744				

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 .032 FIR

MATERIAL: STEEL AMS6322
HARDNESS: ROCKWELL C26-32
FINISH: CADMIUM PLATE AMS2400
SURFACE ROUGHNESS: AS107
MANUFACTURING SPECIFICATION AMS7452
(9) 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) 31 Aug 54 (2) 3 Mar 66 (3) 30 June 86

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P.A AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD BOLT - HEX HEAD, DRILLED SHANK, 750-16	AN102701 THRU AN102800

Project No 5306-1012