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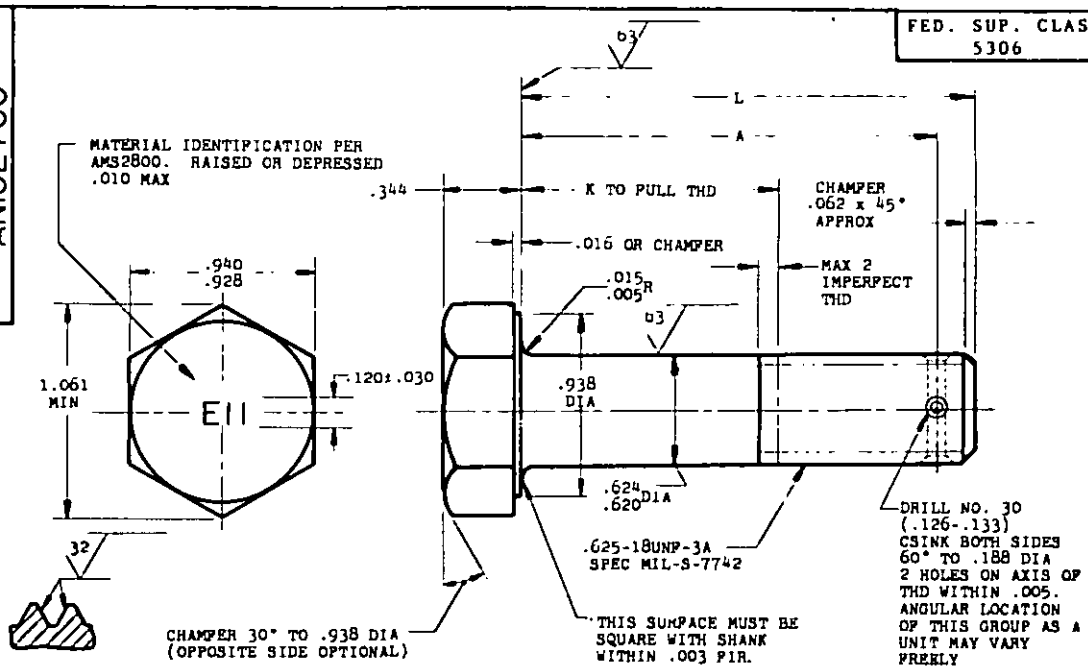
AN102601 THRU AN102700

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.
				2.625	2.465	1.625	AN102624	5.250	5.090	4.250	AN102645
				2.750	2.590	1.750	AN102625	5.375	5.215	4.375	AN102646
				2.875	2.715	1.875	AN102626	5.500	5.340	4.500	AN102647
1.125	.965	.125	AN102606	3.000	2.840	2.000	AN102627	5.625	5.465	4.625	AN102648
1.188	1.028	.188	AN102607	3.125	2.965	2.125	AN102628	5.750	5.590	4.750	AN102649
1.250	1.090	.250	AN102608	3.250	3.090	2.250	AN102629	5.875	5.715	4.875	AN102650
1.312	1.152	.312	AN102609	3.375	3.215	2.375	AN102630	6.000	5.840	5.000	AN102651
1.375	1.215	.375	AN102610	3.500	3.340	2.500	AN102631				
1.438	1.278	.438	AN102611	3.625	3.465	2.625	AN102632				
1.500	1.340	.500	AN102612	3.750	3.590	2.750	AN102633				
1.562	1.402	.562	AN102613	3.875	3.715	2.875	AN102634				
1.625	1.465	.625	AN102614	4.000	3.840	3.000	AN102635				
1.688	1.528	.688	AN102615	4.125	3.965	3.125	AN102636				
1.750	1.590	.750	AN102616	4.250	4.090	3.250	AN102637				
1.812	1.652	.812	AN102617	4.375	4.215	3.375	AN102638				
1.875	1.715	.875	AN102618	4.500	4.340	3.500	AN102639				
2.000	1.840	1.000	AN102619	4.625	4.465	3.625	AN102640				
2.125	1.965	1.125	AN102620	4.750	4.590	3.750	AN102641				
2.250	2.090	1.250	AN102621	4.875	4.715	3.875	AN102642				
2.375	2.215	1.375	AN102622	5.000	4.840	4.000	AN102643				
2.500	2.340	1.500	AN102623	5.125	4.965	4.125	AN102644				

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 .028 FIR.

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

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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NOTE: This drawing was approved by total action of the air force and navy departments as the air force-navy standard for this product. This drawing supersedes all preexistent standard drawings for the same product and shall become effective for the procurement of new industrial supplies or for use in new designs, 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, .625-18	AN102601 THRU AN102700

Project No. 5306-1011