



SECTION THRU THREAD PROFILE

L	K	PART NO.	L	K	PART NO.	L	K	PART NO.	L	K	PART NO.
	+ .000 - .060			+ .000 - .060			+ .000 - .060			+ .000 - .060	
.500	(a)	AN102906	1.312	.562	AN102919	2.625	1.875	AN102933	4.375	3.625	AN102947
.562	(a)	AN102907	1.375	.625	AN102920	2.750	2.000	AN102934	4.500	3.750	AN102948
			1.438	.688	AN102921	2.875	2.125	AN102935	4.625	3.875	AN102949
.625	(a)	AN102908	1.500	.750	AN102922	3.000	2.250	AN102936	4.750	4.000	AN102950
.688	(a)	AN102909	1.562	.812	AN102923	3.125	2.375	AN102937	4.875	4.125	AN102951
.750	(a)	AN102910	1.625	.875	AN102924	3.250	2.500	AN102938	5.000	4.250	AN102952
.812	(a)	AN102911	1.688	.938	AN102925	3.375	2.625	AN102939	5.125	4.375	AN102953
.875	.125	AN102912	1.750	1.000	AN102926	3.500	2.750	AN102940	5.250	4.500	AN102954
.938	.188	AN102913	1.875	1.125	AN102927	3.625	2.875	AN102941	5.375	4.625	AN102955
1.000	.250	AN102914	2.000	1.250	AN102928	3.750	3.000	AN102942	5.500	4.750	AN102956
1.062	.312	AN102915	2.125	1.375	AN102929	3.875	3.125	AN102943	5.625	4.875	AN102957
1.125	.375	AN102916	2.250	1.500	AN102930	4.000	3.250	AN102944	5.750	5.000	AN102958
1.188	.438	AN102917	2.375	1.625	AN102931	4.125	3.375	AN102945	5.875	5.125	AN102959
1.250	.500	AN102918	2.500	1.750	AN102932	4.250	3.500	AN102946	6.000	5.250	AN102960

(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 .013 FIR.

MATERIAL: STEEL AMS6322
 HARDNESS: ROCKWELL C26-32
 FINISH: CADMIUM PLATE AMS2400
 SURFACE ROUGHNESS: AS107
 MANUFACTURING SPECIFICATION: AMS7452

(3) INSPECTION: ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS2840

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.

P.A. AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN102901 THRU AN103000
	BOLT - DRILLED HEX HEAD, 1 HOLE, .250-28	

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NOTE: This drawing was prepared by joint action of the Air Force and Navy Departments as the Air Force standard for this product. This drawing supersedes all previous standard drawings for the same product and shall be used for the procurement of aeronautical hardware for the Air Force and Navy. After the latest date of approval.

APPROVED 8 June 49 REVISED 131 Aug 51 3 Mar 69 30 June 86