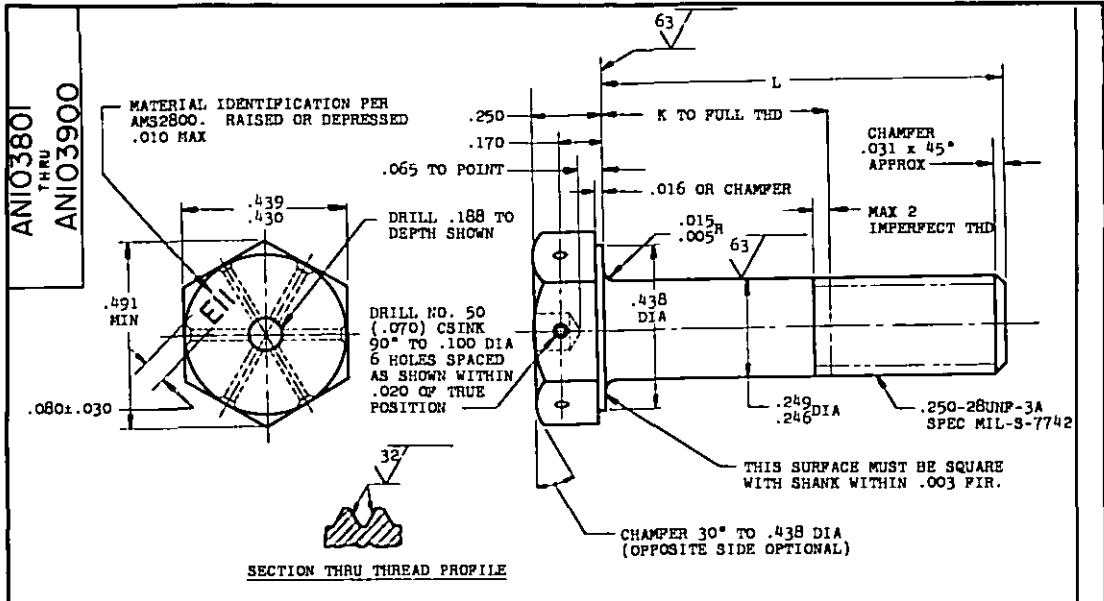


NOTES: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government hereby disclaims any responsibility, and the fact that the Government is in any way connected with the drawing, specification, or other data in any way is not to be construed as an endorsement, approval, or warranty by the Government, or as an assumption of liability on the part of the Government for any damages or expenses, or as an assumption of liability for any loss or damage that may be incurred by the user.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard drawing for this item. This drawing represents an approved drawing for use in the Air Force and Navy. This drawing represents an approved drawing for use in the Air Force and Navy. This drawing represents an approved drawing for use in the Air Force and Navy.



L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.	L	K +.000 -.060	PART NO.
.500	(a)	AN103806	1.312	.562	AN103819	2.625	1.875	AN103833	4.375	3.625	AN103847
.562	(a)	AN103807	1.375	.625	AN103820	2.750	2.000	AN103834	4.500	3.750	AN103848
.625	(a)	AN103808	1.438	.688	AN103821	2.875	2.125	AN103835	4.625	3.875	AN103849
.688	(a)	AN103809	1.500	.750	A. 103822	3.000	2.250	AN103836	4.750	4.000	AN103850
.750	(a)	AN103810	1.562	.812	AN103823	3.125	2.375	AN103837	4.875	4.125	AN103851
.812	(a)	AN103811	1.625	.875	A* 103824	3.250	2.500	AN103838	5.000	4.250	AN103852
.875	.125	AN103812	1.688	.938	A. 103825	3.375	2.625	AN103839	5.125	4.375	AN103853
.938	.188	AN103813	1.750	1.000	A. 103826	3.500	2.750	AN103840	5.250	4.500	AN103854
1.000	.250	AN103814	1.750	1.062	A* 103827	3.625	2.875	AN103841	5.375	4.625	AN103855
1.062	.312	AN103815	1.875	1.125	A. 103828	3.750	3.000	AN103842	5.500	4.750	AN103856
1.125	.375	AN103816	2.000	1.250	AN103829	3.875	3.125	AN103843	5.625	4.875	AN103857
1.188	.438	AN103817	2.125	1.375	AN103830	4.000	3.250	AN103844	5.750	5.000	AN103858
1.250	.500	AN103818	2.250	1.500	AN103831	4.125	3.375	AN103845	5.875	5.125	AN103859
			2.500	1.750	AN103832	4.250	3.500	AN103846	6.000	5.250	AN103860

(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 A36322  
 HARDNESS: ROCKWELL C26-32  
 FINISH: CADMIUM PLATE AMS2400  
 SURFACE ROUGHNESS: AS107  
 MANUFACTURING SPECIFICATION: AM37452 PARTS SUBJECT TO MAGNETIC INSPECTION PER 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.

② INACTIVE FOR NEW DESIGN AFTER 1 MAR 1979 NO SUPERSEDING STANDARD.  
 THIS STANDARD WAS DEVELOPED COOPERATIVELY BY THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN103801
	BOLT - DRILLED HEX HEAD, 6 HOLES, .250-28	THRU AN103900

APPROVED 8 June 49 REVISED 11 Aug 51 3 Mar 69