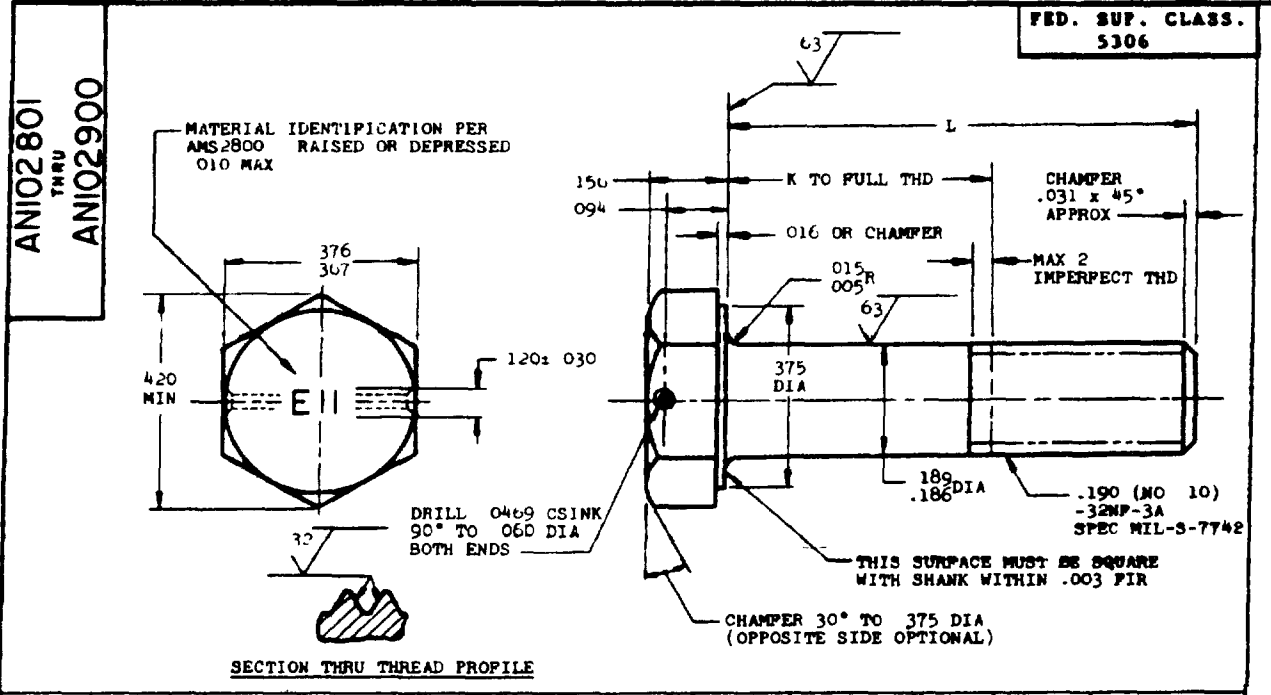


(1) When Government drawings, specifications or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government therefore incurs no responsibility for any infringement that may occur by reason of the use of such data in any way other than in connection with a specifically stated Government procurement operation. It is the policy of the Department of Defense to disseminate such information to the maximum extent possible.

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NOTE: This drawing was approved by the Air Force and they have made the necessary changes for the Air Force. This drawing is the property of the Air Force and is not to be distributed outside of the Air Force.



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	
			938	312	AN102815	2 250	1 625	AN102830			
			1 000	375	AN102816	2 375	1 750	AN102831			
			1.062	438	AN102817	2 500	1.875	AN102832			
			1 125	500	AN102818	2 625	2.000	AN102833			
			1 188	562	AN102819	2 750	2 125	AN102834			
			1 250	625	AN102820	2 875	2.250	AN102835			
375	(a)	AN102806	1 312	.688	AN102821	3 000	2 375	AN102836			
.438	(a)	AN102807	1 375	.750	AN102822	3 125	2.500	AN102837			
.500	(a)	AN102808	1 438	.812	AN102823	3.250	2.625	AN102838			
.562	(a)	AN102809	1 500	875	AN102824	3 375	2 750	AN102839			
625	(a)	AN102810	1 625	1 000	AN102825	3 500	2 875	AN102840			
688	(a)	AN102811	1 750	1 125	AN102826	3.625	3.000	AN102841			
750	.125	AN102812	1.875	1 250	AN102827	3 750	3 125	AN102842			
.812	.188	AN102813	2.000	1 375	AN102828	3.875	3.250	AN102843			
.875	.250	AN102814	2 125	1 500	AN102829						

(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

**INACTIVE FOR NEW DESIGN AFTER 3 MARCH 1969  
 NO SUPERSEDING STANDARD**

(b) INSPECTION ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS6440

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

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	AN102801 THRU AN102900
	BOLT - DRILLED HEX HEAD, 1 HOLE, 190-32	

APPROVED 8 June 19 REVERED 11 Aug 54 30 June 86