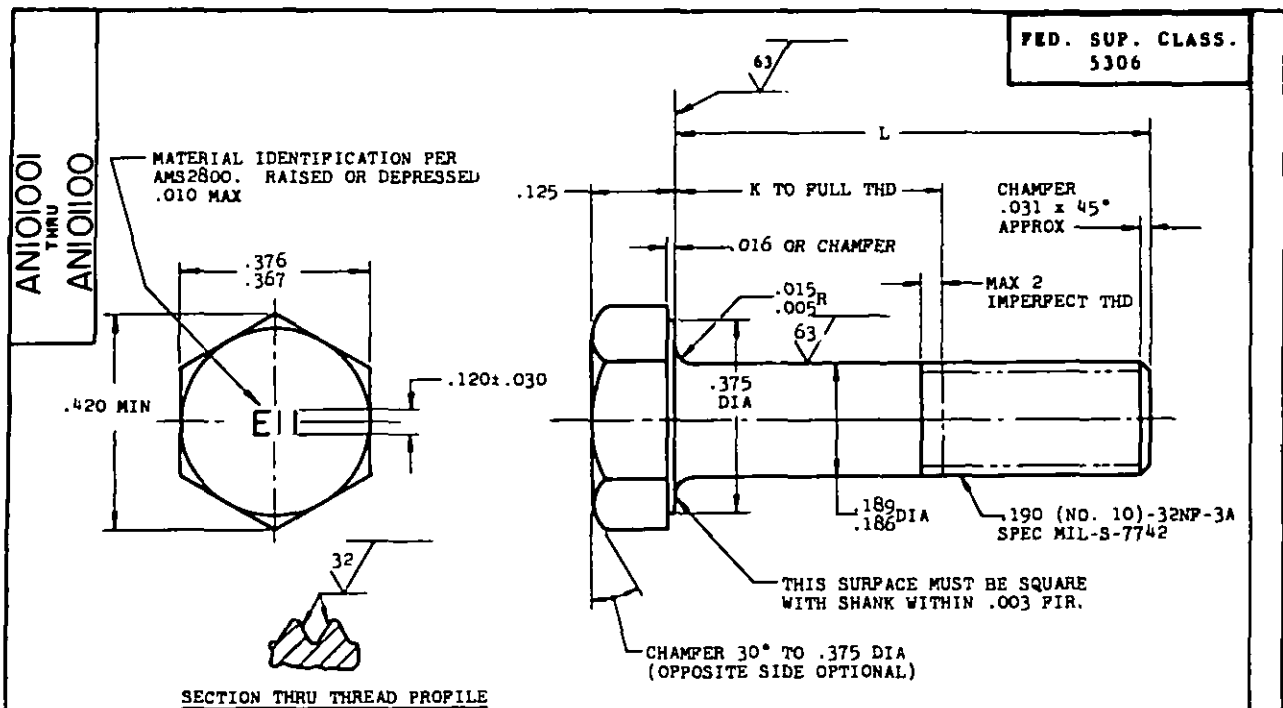


FED. SUP. CLASS.  
 5306



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	
			1.062	.500	AN101017	2.500	1.938	AN101032			
			1.125	.562	AN101018	2.625	2.062	AN101033			
			1.188	.625	AN101019	2.750	2.188	AN101034			
			1.250	.688	AN101020	2.875	2.312	AN101035			
.375	(a)	AN101006	1.312	.750	AN101021	3.000	2.438	AN101036			
.438	(a)	AN101007	1.375	.812	AN101022	3.125	2.562	AN101037			
.500	(a)	AN101008	1.438	.875	AN101023	3.250	2.688	AN101038			
.562	(a)	AN101009	1.500	.938	AN101024	3.375	2.812	AN101039			
.625	(a)	AN101010	1.625	1.062	AN101025	3.500	2.938	AN101040			
.688	.125	AN101011	1.750	1.188	AN101026	3.625	3.062	AN101041			
.750	.188	AN101012	1.875	1.312	AN101027	3.750	3.188	AN101042			
.812	.250	AN101013	2.000	1.438	AN101028	3.875	3.312	AN101043			
.875	.312	AN101014	2.125	1.562	AN101029						
.938	.375	AN101015	2.250	1.688	AN101030						
1.000	.438	AN101016	2.375	1.812	AN101031						

(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: AMS7452  
 (1) 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.

P.A. AF-11 CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN101001 THRU AN101100
	BOLT - HEX HEAD, .190-32	

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

NOTICE: 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 thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or is any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner endorsing the holder or any other person or corporation, or conveying any rights or permission to manufacturers, etc., or sell any material or item that may in any way be related thereto.

APPROVED 8 June 69 BY REVISED 21 Aug 68 3 Mar 69 30 June 1968