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FED. SUP CLASS.  
5306

**ANIO1501  
THRU  
ANIO1600**

**SECTION THRU THREAD PROFILE**

-	K + .000 - .060	PART NO	L	K + .000 - .060	PART NO	I	K + .000 - .060	PART NO	L	K + .000 - .060	PART NO
			1 625	750	AN101517	3 250	2 375	AN101531	5 000	4 125	AN101545
			1 688	.812	AN101518	3 375	2 500	AN101532	5 125	4 250	AN101546
			1 750	875	AN101519	3 500	2 625	AN101533	5 250	4 375	AN101547
.938	(A)	AN101506	1 875	1 000	AN101520	3 625	2 750	AN101534	5 375	4 500	AN101548
1 000	125	AN101507	2 000	1 125	AN101521	3 750	2 875	AN101535	5 500	4 625	AN101549
1 062	188	AN101508	2 125	1 250	AN101522	3 875	3 000	AN101536	5 625	4 750	AN101550
1 125	250	AN101509	2 250	1 375	AN101523	4 000	3 125	AN101537	5 750	4 875	AN101551
1 188	312	AN101510	2 375	1 500	AN101524	4 125	3 250	AN101538	5 875	5 000	AN101552
1 250	375	AN101511	2 500	1 625	AN101525	4 250	3 375	AN101539	6 000	5 125	AN101553
1 312	438	AN101512	2 625	1 750	AN101526	4 375	3 500	AN101540			
1 375	500	AN101513	2 750	1 875	AN101527	4 500	3 625	AN101541			
1 438	562	AN101514	2 875	2 000	AN101528	4 625	3 750	AN101542			
1 500	625	AN101515	3 000	2 125	AN101529	4 750	3 875	AN101543			
1 562	688	AN101516	3 125	2 250	AN101530	4 875	4 000	AN101544			

(A) THREAD TO HEAD MAXIMUM TWO IMPERFECT THREADS

NOTE (1) SHANK SHALL BE STRAIGHT WITHIN .001 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 .023 FIR

MATERIAL. STEEL AMS6322

HARDNESS. ROCKWELL C26-32

FINISH CADMIUM PLATE AMS2400

SURFACE ROUGHNESS AS107

MANUFACTURING SPECIFICATION AMS7450

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

PA AF-11 CUST NAVY-AS ARMY-AV	<b>AIR FORCE-NAVY AERONAUTICAL STANDARD</b>	<b>ANIO1501 THRU ANIO1600</b>
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APPROVED 1 31 Aug 51 2 3 Mar 69 3 30 June 1986