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	+ .000 - .060			+ .000 - .060			+ .000 - .060			+ .000 - .060	
			1.625	.750	AN105117	3.250	2.375	AN105131	5.000	4.125	AN105145
			1.688	.812	AN105118	3.375	2.500	AN105132	5.125	4.250	AN105146
			1.750	.875	AN105119	3.500	2.625	AN105133	5.250	4.375	AN105147
.938	(a)	AN105106	1.875	1.000	AN105120	3.625	2.750	AN105134	5.375	4.500	AN105148
1.000	.125	AN105107	2.000	1.125	AN105121	3.750	2.875	AN105135	5.500	4.625	AN105149
1.062	.188	AN105108	2.125	1.250	AN105122	3.875	3.000	AN105136	5.625	4.750	AN105150
1.125	.250	AN105109	2.250	1.375	AN105123	4.000	3.125	AN105137	5.750	4.875	AN105151
1.188	.312	AN105110	2.375	1.500	AN105124	4.125	3.250	AN105138	5.875	5.000	AN105152
1.250	.375	AN105111	2.500	1.625	AN105125	4.250	3.375	AN105139	6.000	5.125	AN105153
1.312	.438	AN105112	2.625	1.750	AN105126	4.375	3.500	AN105140			
1.375	.500	AN105113	2.750	1.875	AN105127	4.500	3.625	AN105141			
1.438	.562	AN105114	2.875	2.000	AN105128	4.625	3.750	AN105142			
1.500	.625	AN105115	3.000	2.125	AN105129	4.750	3.875	AN105143			
1.562	.688	AN105116	3.125	2.250	AN105130	4.875	4.000	AN105144			

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.
 NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .002 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.

INACTIVE FOR DESIGN AFTER 27 DEC 1966 NO SUPERSEDING STANDARD.

MATERIAL: CORROSION RESISTANT STEEL - SEE MANUFACTURING SPECIFICATION
 SURFACE ROUGHNESS: AS107
 MANUFACTURING SPECIFICATION: AMS 7472
 INSPECTION: ALL PARTS SHALL UNDERGO FLUORESCENT PENETRANT INSPECTION IN ACCORDANCE WITH AMS2645. 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 WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

P.A. USAF - 11 Other Cust Navy - AS Army - AV	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN105101 THRU AN105200
	BOLT - CRCS HEX HEAD .500-20	

APPROVED 18 Jul 49 REVISED 31 Aug 54 27 Dec 66 30 June 1986