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L	K	PART NO.	L	K	PART NO.	L	K	PART NO.	L	K	PART NO.
	+ .000 - .060			+ .000 - .060			+ .000 - .060			+ .000 - .060	
			1.500	.688	AN105017	3.000	2.188	AN105031	4.750	3.938	AN105046
			1.562	.750	AN105018	3.125	2.312	AN105032	4.875	4.062	AN105046
			1.625	.812	AN105019	3.250	2.438	AN105033	5.000	4.188	AN105047
.812	(a)	AN105006	1.688	.875	AN105020	3.375	2.562	AN105034	5.125	4.312	AN105048
.875	(a)	AN105007	1.750	.938	AN105021	3.500	2.688	AN105035	5.250	4.438	AN105049
.938	.125	AN105008	1.875	1.062	AN105022	3.625	2.812	AN105036	5.375	4.562	AN105050
1.000	.188	AN105009	2.000	1.188	AN105023	3.750	2.938	AN105037	5.500	4.688	AN105051
1.062	.250	AN105010	2.125	1.312	AN105024	3.875	3.062	AN105038	5.625	4.812	AN105052
1.125	.312	AN105011	2.250	1.438	AN105025	4.000	3.188	AN105039	5.750	4.938	AN105053
1.188	.375	AN105012	2.375	1.562	AN105026	4.125	3.312	AN105040	5.875	5.062	AN105054
1.250	.438	AN105013	2.500	1.688	AN105027	4.250	3.438	AN105041	6.000	5.188	AN105055
1.312	.500	AN105014	2.625	1.812	AN105028	4.375	3.562	AN105042			
1.375	.562	AN105015	2.750	1.938	AN105029	4.500	3.688	AN105043			
1.438	.625	AN105016	2.875	2.062	AN105030	4.625	3.812	AN105044			

(a) THREAD TO HEAD. MAXIMUM TWO IMPERFECT THREADS.

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .0025 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 .019 FIR.

MATERIAL: CORROSION RESISTANT STEEL - SEE MANUFACTURING SPECIFICATION

SURFACE ROUGHNESS: A3107

MANUFACTURING SPECIFICATION: AMS 7472

③ INSPECTION: ALL PARTS SHALL UNDERGO FLUORESCENT PENETRANT INSPECTION IN ACCORDANCE WITH AMS2845.

BRK 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.

INACTIVE FOR DESIGN AFTER 27 DEC 1966 NO SUPERSEDING STANDARD.

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APPROVED 18 Jul 69 REVISED 31 Aug 54 27 Dec 66 30 June 1986

P.A.A. USAF - 11  
Other Cust  
NAVY - AS  
AFW - AV

**AIR FORCE-NAVY AERONAUTICAL STANDARD**

BOLT - CHS REX HEAD .4375-20

**AN105001  
THRU  
AN105100**