



L	K	PART NO.	L	K	PART NO.	L	K	PART NO.	L	K	PART NO.
.500	(a)	AN103906	1.375	.500	AN103920	2.625	1.750	AN103934	4.375	3.500	AN103948
.562	(a)	AN103907	1.438	.562	AN103921	2.750	1.875	AN103935	4.500	3.625	AN103949
.625	(a)	AN103908	1.500	.625	AN103922	2.875	2.000	AN103936	4.625	3.750	AN103950
.688	(a)	AN103909	1.562	.688	AN103923	3.000	2.125	AN103937	4.750	3.875	AN103951
.750	(a)	AN103910	1.625	.750	AN103924	3.125	2.250	AN103938	4.875	4.000	AN103952
.812	(a)	AN103911	1.688	.812	AN103925	3.250	2.375	AN103939	5.000	4.125	AN103953
.875	(a)	AN103912	1.750	.875	AN103926	3.375	2.500	AN103940	5.125	4.250	AN103954
.938	(a)	AN103913	1.812	.938	AN103927	3.500	2.625	AN103941	5.250	4.375	AN103955
1.000	.125	AN103914	1.875	1.000	AN103928	3.625	2.750	AN103942	5.375	4.500	AN103956
1.062	.188	AN103915	2.000	1.125	AN103929	3.750	2.875	AN103943	5.500	4.625	AN103957
1.125	.250	AN103916	2.125	1.250	AN103930	3.875	3.000	AN103944	5.625	4.750	AN103958
1.188	.312	AN103917	2.250	1.375	AN103931	4.000	3.125	AN103945	5.750	4.875	AN103959
1.250	.375	AN103918	2.375	1.500	AN103932	4.125	3.250	AN103946	5.875	5.000	AN103960
1.312	.438	AN103919	2.500	1.625	AN103933	4.250	3.375	AN103947	6.000	5.125	AN103961

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

NOTE: (1) SHANK SHALL BE STRAIGHT WITHIN .003 FIR. PER INCH OF BOLT LENGTH.
 (2) THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .004 FIR.
 (3) THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .015 FIR.

MATERIAL: STEEL AMS6322
 HARDNESS: ROCKWELL C26 - 32
 FINISH: CADMIUM PLATE AMS2400
 SURFACE ROUGHNESS: AS107
 MANUFACTURING SPECIFICATION: AMS 7452

(3) 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 SAR.

P.A. AF-II CUST. NAVY-AS ARMY-AV	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN103901 THRU AN104000
	BOLT - DRILLED HEX HEAD, 6 HOLES, .3125-24	

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APPROVED 8 June 49 REVISED 11 Aug 51 3 Mar 69 30 June 66