



THIS SURFACE MUST BE SQUARE WITH
SHANK WITHIN .003 FULL INDICATOR
READING.

INACTIVE FOR DESIGN AFTER 26 OCTOBER 1972. NO SUPERSEDING STANDARD.

L	K +.000 -.050	PART NO.	L	K +.000 -.050	PART NO.	L	K +.000 -.050	PART NO.
.625	(a)	AN115555	1.375	.625	AN115567	2.500	1.750	AN115579
.688	(a)	AN115556	1.438	.688	AN115568	2.625	1.875	AN115580
.750	(a)	AN115557	1.500	.750	AN115569	2.750	2.000	AN115581
.812	(a)	AN115555	1.562	.812	AN115570	2.875	2.125	AN115582
.875	.125	AN115559	1.625	.875	AN115571	3.000	2.250	AN115583
.938	.188	AN115560	1.688	.938	AN115572			
1.000	.250	AN115561	1.750	1.000	AN115573			
1.052	.312	AN115562	1.875	1.125	AN115574			
1.125	.375	AN115563	2.000	1.250	AN115575			
1.188	.438	AN115564	2.125	1.375	AN115576			
1.250	.500	AN115565	2.250	1.500	AN115577			
1.312	.562	AN115566	2.375	1.625	AN115578			

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

NOTE: (1) THE RUNOUT FOR STRAIGHTNESS OF SHANK SHALL NOT EXCEED .003 FIR PER INCH OF SCREW 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 HEAD SHALL BE WITHIN .010 FIR.

MATERIAL: STEEL AMS 6322

HARDNESS: ROCKWELL C26-32

FINISH: CADMIUM PLATE AMS 2400

SURFACE ROUGHNESS: AS 107

MANUFACTURING SPECIFICATION: AM5 7452

③ INSPECTION: ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS2640.

BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED; TOLERANCES; LINEAR DIMENSIONS $\pm .010$.

DO NOT USE UNASSIGNED PART NUMBERS.

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER STANDARD PARTS COMMITTEE OF THE SAE.

P.A.
USAF - 11
Other Cust
Navy - AS
ARMY - AV

AIR FORCE-NAVY AERONAUTICAL STANDARD

SCREW - FLAT FILLISTER HEAD, .175-24

AN115551
THRU
AN115600

Project No. S305-1638

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