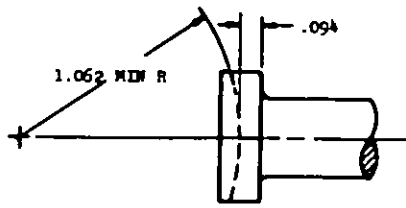
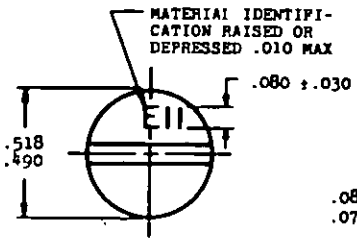


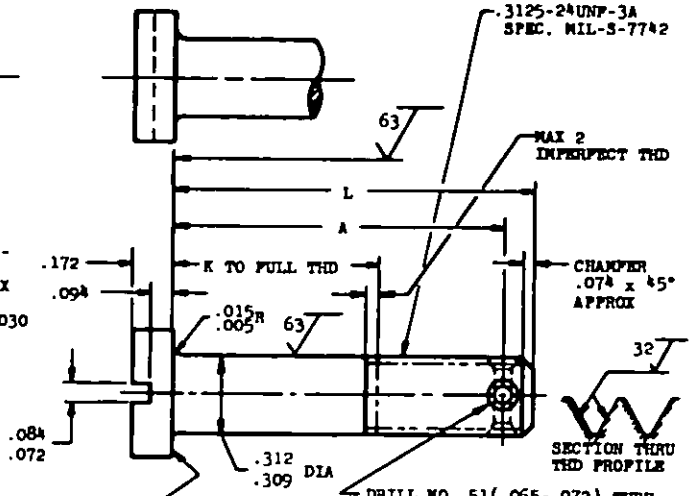
FED. SUP CLASS.
 5305



OPTIONAL METHOD OF SLOTTING



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



DRILL NO. 51 (.065-.072) THRU CSINK BOTH ENDS 60° TO .100 DIA
 2 HOLES ON AXIS OF THD WITHIN .005, 90° APART ANGULAR LOCATION AS A GROUP CAN VARY FREELY WITH SLOT

L	A	K +.000 -.050	PART NO.	L	A	K +.000 -.050	PART NO.	L	A	K +.000 -.060	PART NO.
.562	.452	(a)	AN115705	1.312	1.202	.625	AN115717	2.375	2.265	1.688	AN115729
.625	.515	(a)	AN115706	1.375	1.265	.688	AN115718	2.500	2.390	1.812	AN115730
.688	.578	(a)	AN115707	1.438	1.328	.750	AN115719	2.625	2.515	1.938	AN115731
.750	.640	(a)	AN115708	1.500	1.390	.812	AN115720	2.750	2.640	2.062	AN115732
.812	.702	.125	AN115709	1.562	1.452	.875	AN115721	2.875	2.765	2.188	AN115733
.875	.765	.188	AN115710	1.625	1.515	.938	AN115722	3.000	2.890	2.312	AN115734
.938	.828	.250	AN115711	1.688	1.578	1.000	AN115723				
1.000	.890	.312	AN115712	1.750	1.640	1.062	AN115724				
1.062	.952	.375	AN115713	1.875	1.765	1.188	AN115725				
1.125	1.015	.438	AN115714	2.000	1.890	1.312	AN115726				
1.188	1.078	.500	AN115715	2.125	2.015	1.438	AN115727				
1.250	1.250	.552	AN115716	2.250	2.140	1.562	AN115728				

(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.

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

MATERIAL: STEEL AMS 6322
 HARDNESS: ROCKWELL C26-32
 FINISH: CADMIUM PLATE AMS 2400
 SURFACE ROUGHNESS: AS 107
 MANUFACTURING SPECIFICATION: AMS 7452

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

BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED; TOLERANCES; LINEAR DIMENSIONS ±.010.

DO NOT USE UNASSIGNED PART NUMBERS.

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

DISTRIBUTION STATEMENT A - Approved for public release; distribution is unlimited.

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

AIR FORCE-NAVY AERONAUTICAL STANDARD

SCREW - FLAT PILLISTER HEAD, DRILLED SHANK, .3125-24

**AN115701
 THRU
 AN115750**

APPROVED 8 Jun 49 REVISED 1 4 Oct 54 2 26 Oct 72 3 30 June 1986