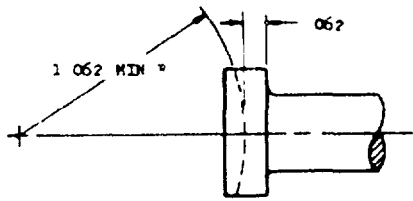
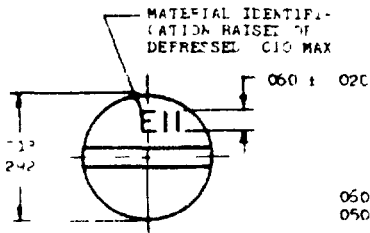


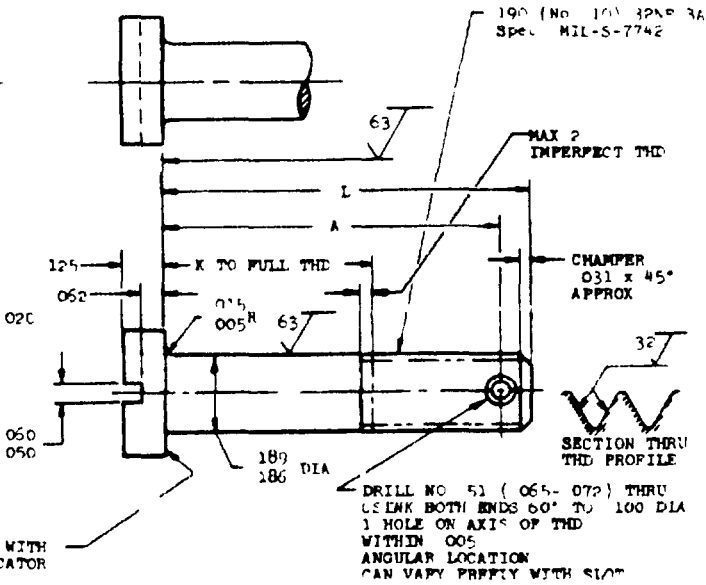
FED SUP CLASS  
5305



OPTIONAL METHOD OF CHAMFERING



MATERIAL IDENTIFICATION RAISED BY DEPRESSION C/O MAX



THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .001 FULL INDICATOR READING

L	A	K	PART NO	L	A	K	PART NO	L	A	K	PART NO
438	328	(a)	AN115607	1 188	1 078	625	AN115617	2 375	2 265	1 812	AN115629
500	390	(a)	AN115608	1 250	1 140	688	AN115618	2 500	2 390	1 938	AN115630
562	452	(a)	AN115609	1 312	1 202	750	AN115619	2 625	2 515	2 062	AN115631
625	515	(a)	AN115608	1 375	1 265	812	AN115620	2 750	2 640	2 188	AN115632
688	578	125	AN115609	1 438	1 328	875	AN115621	2 875	2 765	2 312	AN115633
750	640	188	AN115610	1 500	1 390	938	AN115622	3 000	2 890	2 438	AN115634
812	702	250	AN115611	1 562	1 452	1 062	AN115623				
875	765	312	AN115612	1 625	1 515	1 188	AN115624				
938	828	375	AN115613	1 688	1 578	1 312	AN115625				
1 000	890	438	AN115614	2 000	1 890	1 438	AN115626				
1 062	952	500	AN115615	2 062	1 952	1 562	AN115627				
1 125	1 015	562	AN115616	2 125	2 015	1 688	AN115628				

(4) THREAD TO HEAD MAXIMUM TWO IMPERFECT THREADS

NOTE (1) THE RUNOUT FOR STRAIGHTNESS OF SHANK SHALL NOT EXCEED .004 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 431

HARDNESS ROCKWELL C26-32

FINISH CADMIUM PLATE AMS 2400

SURFACE ROUGHNESS AS 107

MANUFACTURING SPECIFICATION AMS 7452

(2) INSPECTION ALL PARTS SHALL UNDERGO MAGNETIC INSPECTION IN ACCORDANCE WITH AMS 2640

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.

APPROVED 8 Jun 49 REVISED 4 Oct 54 10 June 66

AIR FORCE-NAVY AERONAUTICAL STANDARD SCREW - FEAT FL 100TPT HEAD DRILLED SHANK 190-31	AN115601 THRU AN115650
	Project No. 4305-1430