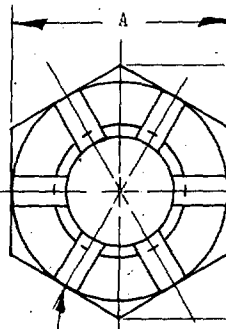


NAVJAG 1090A (Rev. 5-61)

FED. SUP CLASS
5310AN121576
THRU
AN121600

STAMP PER AMS 2800 (a)

.032 R MIN



CHAMFER 30° TO D DIA

OPPOSITE SLOTS MUST COINCIDE
WITHIN .005 AND SLOT AXIS MUST
BE WITHIN .005 OF THREAD PD AXISTHIS DIMENSION LOCATES
BOTTOM OF SLOTS AND
EXTERNAL CHAMFERCSINK 90° TO C (b)
BOTH SIDES
THD T UNF-3B
SPEC MIL-S-7742THREAD PD MUST BE SQUARE
TO THIS SURFACE WITHIN
.005 FIR. AND CONCENTRIC
WITH HEX WITHIN .010 FIR.

THD T	A		B	C	D	E	F	H	S	APPROX WT LBS/100	PART NO.
	MIN	MAX									
.190(NO.10)-32	.367	.376	.419	.200	.375	.156	.060 ±.020	.250	.078 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	0.50	AN121576
.250-28	.430	.439	.491	.260	.438	.188	.060 ±.020	.282	.078 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	0.80	AN121577
.3125-24	.492	.502	.561	.322	.500	.234	.120 ±.030	.328	.078 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	1.20	AN121578
.375-24	.553	.564	.633	.385	.562	.281	.120 ±.030	.406	.125 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	1.70	AN121579
(c).4375-20	.616	.627	.703	.448	.625	.328	.120 ±.030	.454	.125 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	2.30	AN121580
.500-20	.741	.752	.846	.510	.750	.375	.120 ±.030	.562	.125 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	4.20	AN121581
.5625-18	.865	.877	.987	.572	.875	.422	.120 ±.030	.610	.136 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	6.50	AN121582
.625-18	.928	.940	1.059	.635	.938	.468	.120 ±.030	.718	.136 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	8.30	AN121583
.750-16	1.052	1.064	1.200	.760	1.062	.562	.120 ±.030	.812	.136 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	11.50	AN121584
.875-14	1.239	1.252	1.414	.885	1.250	.656	.120 ±.030	.906	.136 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	14.30	AN121585
1.000-12	1.427	1.440	1.628	1.010	1.438	.750	.120 ±.030	1.000	.136 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	17.70	AN121586
.4375-20	.879	.690	.775	.448	.688	.328	.120 ±.030	.454	.125 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	2.20	AN121587

IN MULTIPLE MARKING OF BAR STOCK, DUPLICATION OF WHOLE OR PART OF SYMBOL OR
OFFSET OF SYMBOL SUCH THAT UPPER PORTION APPEARS BELOW LOWER PORTION ON FINISHED
PART IS PERMISSIBLE PROVIDED POSITIVE IDENTIFICATION IS SHOWN. PARTS MUST BE
MARKED BEFORE THREADING.

(b) FOR SIZES .3125-24 AND SMALLER C DRILL "C" DIA FROM OPPOSITE END TO DEPTH OF SLOT

MATERIAL: CORROSION RESISTANT STEEL AMS 5628

SURFACE ROUGHNESS: AS 107

CLEANING: FINISHED PARTS SHALL BE DEGREASED AND IMMERSSED FOR NOT LESS THAN 20
MINUTES IN A SOLUTION OF 1 VOLUME OF NITRIC ACID (SP GR 1.42) AND 9 VOLUMES
OF WATER AT ROOM TEMPERATURE.

PARTS SUBJECT TO MAGNETIC INSPECTION PER AMS 2640.

BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS ±.010,
ANGULAR DIMENSIONS ±5°.

DO NOT USE UNASSIGNED PART NUMBERS.

② **INACTIVE FOR DESIGN** AFTER 21 Dec 1964. MS9358. INTERCHANGEABILITY RELATIONSHIP: MS9358 PARTS
CAN UNIVERSALLY REPLACE THE INACTIVATED AN PARTS OF THE SAME THREAD SIZE; BUT THE INACTIVATED AN PARTS CANNOT
ALWAYS REPLACE THE SUPERSEDING MS9358 PARTS.

PROCUREMENT
SPECIFICATION

NONE

AIR FORCE-NAVY AERONAUTICAL STANDARD

NUT - CASTLE, CORROSION RESISTANT STEEL

AN121576
THRU
AN121600

APPROVED 7 NOV 49 REVISED ① 25 MAR 55 ② 21 DEC 54

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NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy
standard for this product. This drawing supersedes all antecedent standard drawings for the same product and shall
become effective for the procurement of aeronautical supplies, or for use in new design, not later than 6 months
after the latest date of approval shown.