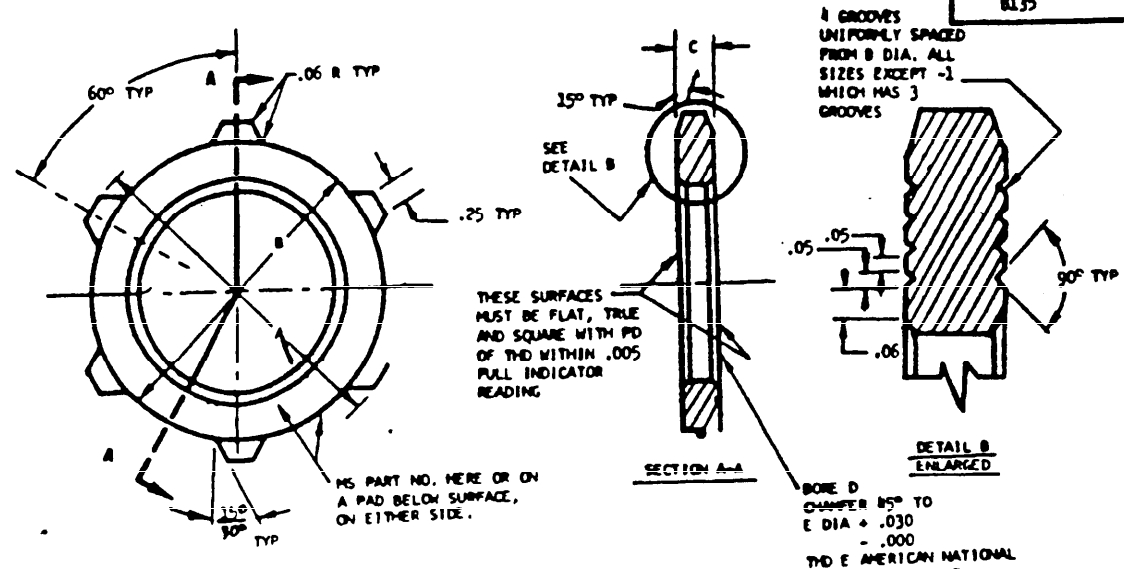


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REVISOR 20, 84

FED. SUP CLASS
 8135



THESE SURFACES
MUST BE FLAT, TRUE
AND SQUARE WITH PD
OF THD WITHIN .005
FULL INDICATOR
READING

SECTION A-A

DETAIL B
ENLARGED

BORE D
CHAMFER 45° TO
E DIA + .030
- .000
THD E AMERICAN NATIONAL
FORM, PITCH DIA F,
EXCEPT AS NOTED (a)

MS PART NO. HERE OR ON
A PAD BELOW SURFACE,
ON EITHER SIDE.

4 GROOVES
UNIFORMLY SPACED
FROM B DIA. ALL
SIZES EXCEPT -1
WHICH HAS 3
GROOVES

MS PART NO.	(b) APPLICABLE TO SHAFT NO.	A DIA	B DIA	C	D DIA	E THREAD DIA.	F PITCH DIA.
MS 27422 -1	-7 1/2	2.50	2.12	.31		1-3/8-12 UNF-30	+ .0077 - .0000
MS 27422 -2	-10	3.00	2.62	.31	1.5973 + .0090 - .0000	1-11/16-12 NS-2	2.6334 + .0000 - .0000
MS 27422 -3	-20	3.38	3.00	.31	1.9723 + .0090 - .0000	2-1/16-12 NS-2	2.0084 + .0000 - .0000
MS 27422 -4	-30	3.62	3.25	.31	2.2223 + .0090 - .0000	2-5/16-12 NS-2	2.2584 + .0000 - .0000
MS 27422 -5	-40	4.12	3.75	.31	2.7223 + .0090 - .0000	2-13/16-12 NS-2	2.7584 + .0000 - .0000
MS 27422 -6	-50	4.81	4.44	.31	3.3473 + .0090 - .0000	3-7/16-12 NS-2	3.3834 + .0000 - .0000
MS 27422 -7	-60	5.56	5.19	.50		4-1/4-8N-38	+ .0140 - .0000
MS 27422 -8	-70	6.50	6.12	.50	4.9897 + .0148 - .0000	5-1/8-8 NS-2	5.0438 + .0000 - .0000
MS 27422 -9	-80	7.38	7.00	.50		6-N-38	

(a) THREADS IN ACCORDANCE WITH SPECIFICATION MIL-S-7742

(b) FOR PROPELLER SHAFT SIZE SEE AND 10150

NOTES:

- MATERIAL: ALUMINUM ALLOY; SPECIFICATION QQ-A-591, A1 13.
MAGNESIUM ALLOY; SPECIFICATION QQ-M-38
ZINC-BASE ALLOY; SPECIFICATION QQ-Z-363
MOLDED PLASTIC, PHENOL-FORMALDEHYDE RESIN; SPECIFICATION L-P-2125
CELLULOSE ACETATE BUTYRATE; SPECIFICATION L-P-349, MS FLOW
- FINISH: ALUMINUM ALLOY, ANODIZE; SPECIFICATION MIL-A-8625
MAGNESIUM ALLOY; SPECIFICATION MIL-M-3171, TYPE III OR IV, AS APPLICABLE
- REMOVE ALL BURRS AND SHARP EDGES.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED
TOLERANCES: DECIMALS ± .02, ANGLES ± 2°
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION OF BID.
- INTERCHANGEABILITY RELATIONSHIP - PARTS MS 27422 -1 THRU -9 ARE UNIVERSALLY, FUNCTIONALLY,
AND DIMENSIONALLY INTERCHANGEABLE WITH AN 5023-7 1/2 THRU -80 RESPECTIVELY.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT
DOCUMENTS REFERENCED HEREIN.

(B) CANCELLED - No superseding standard.

P.A. AIR FORCE: 69	TITLE	MILITARY STANDARD
Other Code NAVY: AS	NUT-PROPELLER SHAFT THREAD, SHIPPING	MS 27422
PROCUREMENT SPECIFICATION NOTE	SUPSEDES: AN 5023	SHEET 1 OF 2