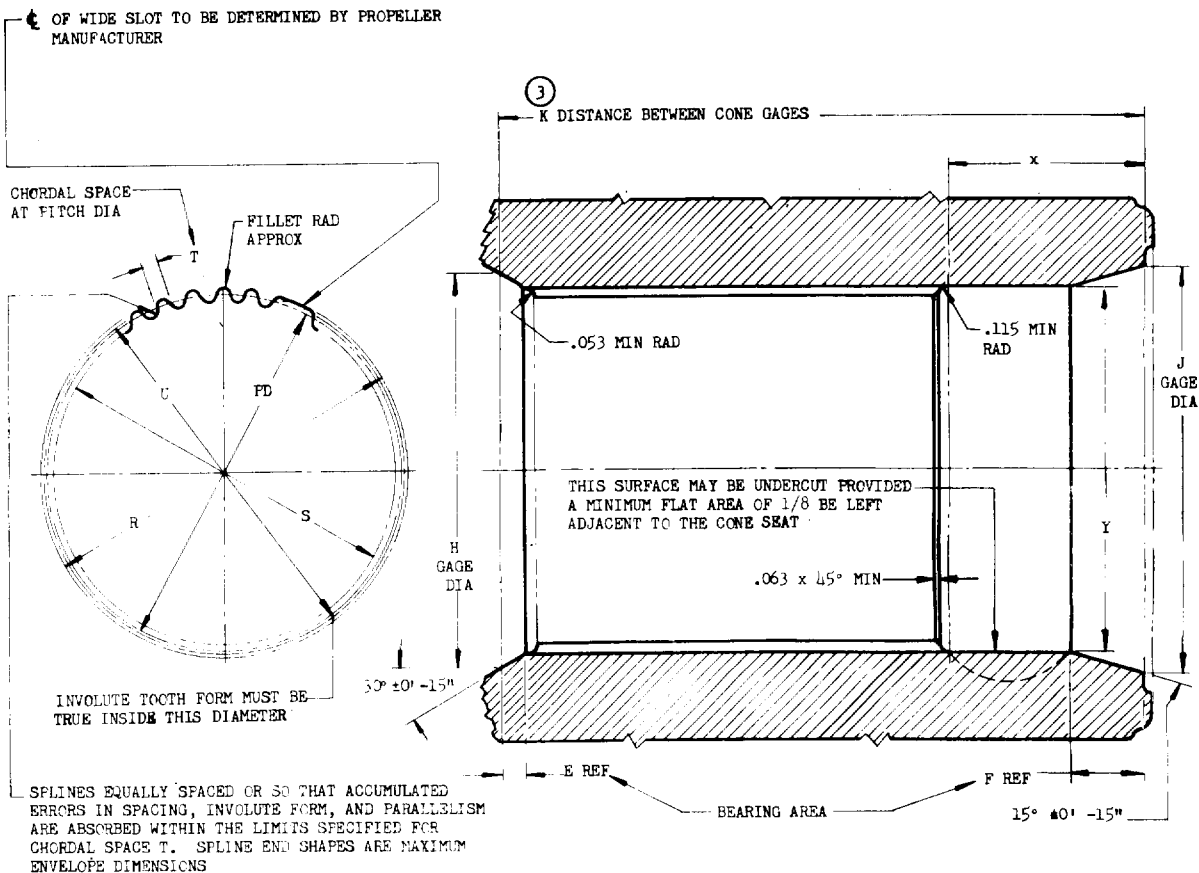


NOTE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement, without the prior written permission of the Government, the Government hereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



SHAFT NO.	E REF	F REF	H GAGE DIA	J GAGE DIA	K DISTANCE				I MIN	Y DIA
					MAXIMUM	II	III	MINIMUM		
60A	.430	1.125	5.359	5.500	8.484	8.259	8.034	7.809	3.500	4.844
(a) 60	.500	1.125	5.565	5.500	8.088	-	-	7.535	3.156	4.844
70	.430	1.125	6.219	6.375	9.984	9.785	9.586	8.637	3.500	5.719
80	.430	1.125	7.074	7.232	11.545	10.826	10.107	9.388	3.500	6.594
41	.430	1.125	3.875	3.875	6.594	-	-	6.594	2.531	3.156
(b) 51	.430	1.125	4.562	4.625	6.781	-	-	6.781	2.313	3.844

INVOLUTE TOOTH SPLINE DATA										
SHAFT NO.	R +.025 - .010 DIA	S +.005 - .002 DIA	T +.0030 - .0000	U MIN DIA	DIAMETRICAL PITCH	NO. OF TEETH	PRESSURE ANGLE	PITCH DIA	FILLET MIN RAD	
60A	4.801	4.446	.2243	4.696	7/16	32	30°	4.5714	.068	
(a) 60	4.801	4.446	.2243	4.696	7/16	32	30°	4.5714	.068	
70	5.659	5.304	.2243	5.554	7/16	38	30°	5.4286	.068	
80	6.516	6.161	.2243	6.411	7/16	44	30°	6.2857	.068	
41	3.445	2.917	.1309	3.083	12/24	36	30°	3.0000	.035	
(b) 51	3.812	3.583	.1309	3.750	12/24	44	30°	3.6667	.035	

(a) SHAFT NO. 60 INACTIVE FOR DESIGN AFTER 25 JUNE 1948, SHAFT NO. 60A REPLACES NO. 60.
 (b) APPLICABLE FOR SPECIFIC INSTALLATIONS AS SPECIFIED IN APPROVED PROPELLER MODEL SPECIFICATIONS. FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE ANA BULLETIN NO. 337.
 WITH HUB IN POSITION AGAINST REAR CONE ON ENGINE SHAFT, INBOARD END MUST CLEAR THRUST NUT AND NOSE SECTION AS SHOWN ON AND10152, SHEET 4, BY AT LEAST .100 INCHES TO ALLOW FOR CONE REGRINDING.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±°.

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 subsequent standard drawings for the same product and shall become obsolete for the government of aeronautical supplies, or for use in new design, not later than 6 months after the latest date of approval shown.

AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD
PROPELLER HUBS- STANDARD DIMENSIONS FOR INVOLUTE TOOTH SPLINE CONTROLLABLE PITCH

AND10529

NOT A PART NUMBER

APPROVED 13 Oct 44 REVISED 1 25 Jun 48 2 4 Oct 50 3 22 Jul 52