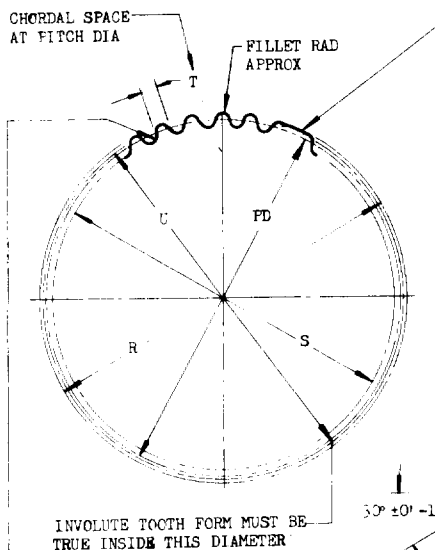


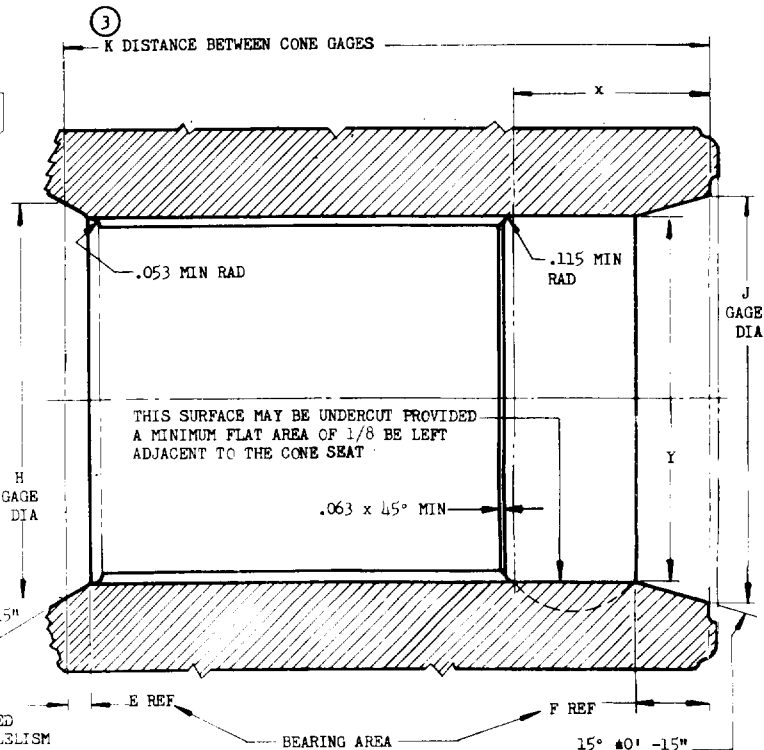
NOTE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, 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.

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.

OF WIDE SLOT TO BE DETERMINED BY PROPELLER MANUFACTURER



SPLINES EQUALLY SPACED OR SO THAT ACCUMULATED ERRORS IN SPACING, INVOLUTE FORM, AND PARALLELISM ARE ABSORBED WITHIN THE LIMITS SPECIFIED FOR CHORDAL SPACE T. SPLINE END SHAPES ARE MAXIMUM ENVELOPE DIMENSIONS



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	9.755	9.526	8.637	3.500	5.719
80	.430	1.125	7.074	7.232	11.545	10.828	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	DIAMETRAL 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 AIA 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 ±°.

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