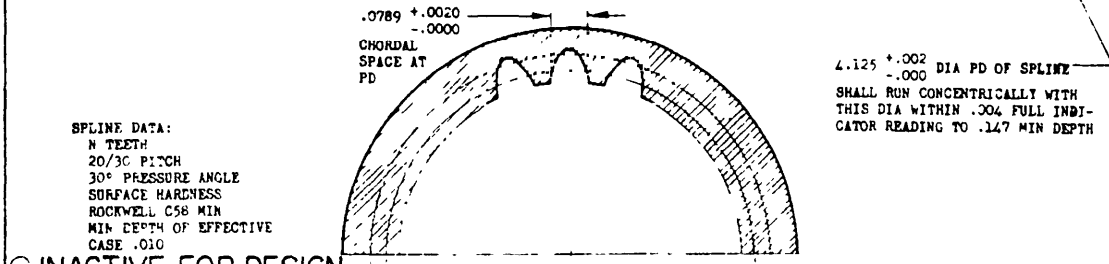
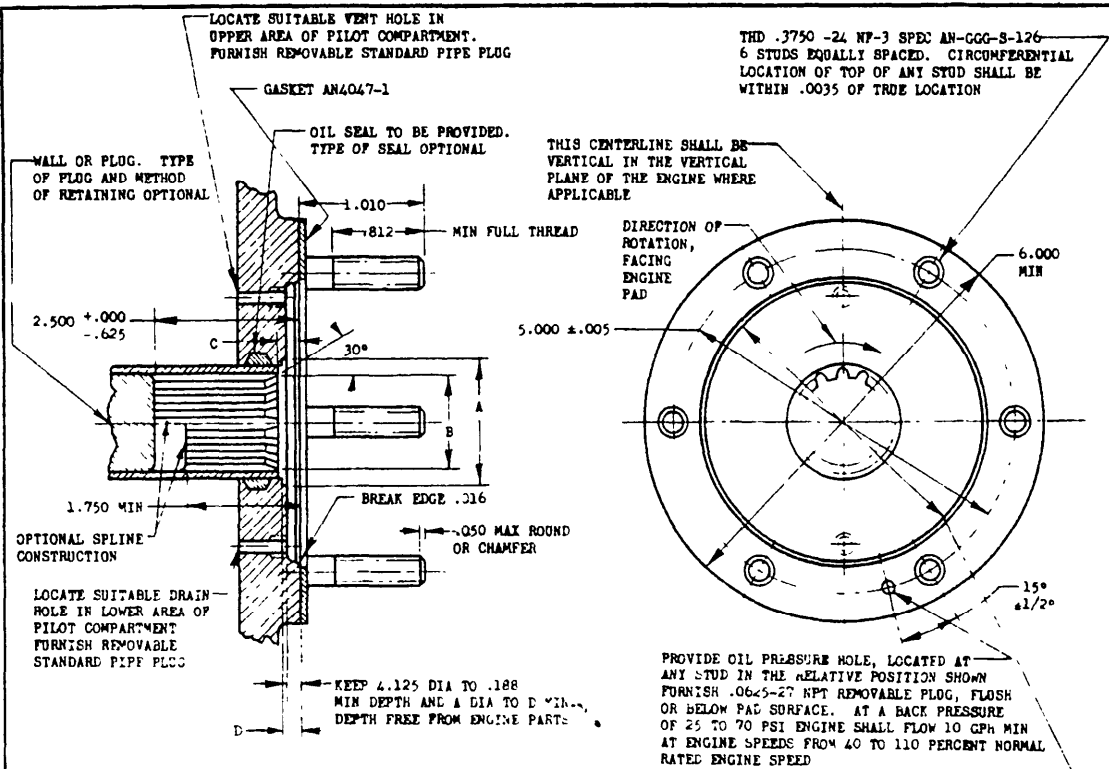


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have 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 right of 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 on the 24th day of October 1949. This drawing supersedes all previous drawings for the same part. It shall be effective for the procurement of accessories, supplies, or for use in new design and for the latest date of approval shown.



INACTIVE FOR DESIGN
AFTER 24 OCT 1949
SEE DRAWING AND 20002

TYPE	A DIA MIN	B DIA	C		D	E + .005 -.000	F P DIA (THEO)	H MIN	N TEETH	TORQUE POUND INCHES			ACCESSORY WEIGHT LB (MAX)	THRUST ON PAD LB MAX
			MAX	MIN						T _c	T _s	T _g		
I A	-	.844	.250	.188	-	.73	.800	.873	16	500	750	2200	50	150
II A	1.531	1.250	.375	.312	.380	1.133	1.200	1.277	24	1000	1500	4400	55	300
III A	1.531	1.250	.375	.312	.280	1.133	1.200	1.277	24	1500	2250	6600	55	450

ADAPTER BUSHING IN ACCORDANCE WITH AN4052-1 SHALL BE FURNISHED WITH TYPE I: A AND TYPE III A DRIVE.
PAD OUTLINE AS DIMENSIONED IS A BASIC MINIMUM AREA REQUIREMENT.
SPEED: DRIVE SHAFT SPEED AT NORMAL RATED ENGINE SPEED SHALL BE 7500-8250 RPM.
STRENGTH: TO BE CAPABLE OF DRIVING CONTINUOUS TORQUE LOAD (T_c) AT ANY ENGINE SPEED. THE DRIVE SHALL WITHSTAND WITHOUT FAILURE OR PERMANENT DEFORMATION THE MAXIMUM STATIC TORQUE (T_s) REQUIRED TO SHEAR THE ACCESSORY SHEAR SECTION. IN ADDITION, THE DRIVES SHALL BE ADEQUATE FOR FIVE MINUTE PERIODS OF TORQUE OVERLOAD (T_g) OPERATION, WHICH OVERLOAD PERIODS SHALL BE CONSIDERED AS RECURRING AT 10 HOUR INTERVALS. THE TORQUE OVERLOAD RATING APPLIES ONLY UP TO AND INCLUDING 80 PERCENT NORMAL RATED SPEED.
ACCESSORY DATA: MAX OVERHUNG MOMENT 350 IN.-LB. ACCESSORY CLEARANCE SHALL BE IN ACCORDANCE WITH AND10305.
REMOVE ALL BURRS AND SHARP EDGES.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: THREE PLACE DECIMALS ±.010, ANGLES ±2°

AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD
MOUNTING PAD AND DRIVE-
AIRCRAFT ENGINE GENERATOR AND POWER TAKE-OFF
AND10002
NOT A PART NUMBER

NOTICE: NO DEVIATION FROM THIS DRAWING SHALL BE PERMITTED EXCEPT AS A WAR EMERGENCY MEASURE AND THEN ONLY AFTER FORMAL AUTHORIZATION IS GRANTED BY THE AIR TECHNICAL SERVICE COMMAND ON ARMY CONTRACTS OR THE BUREAU OF AERONAUTICS ON NAVY CONTRACTS.

APPROVED 30 Oct 42 REVISED 27 Dec 44