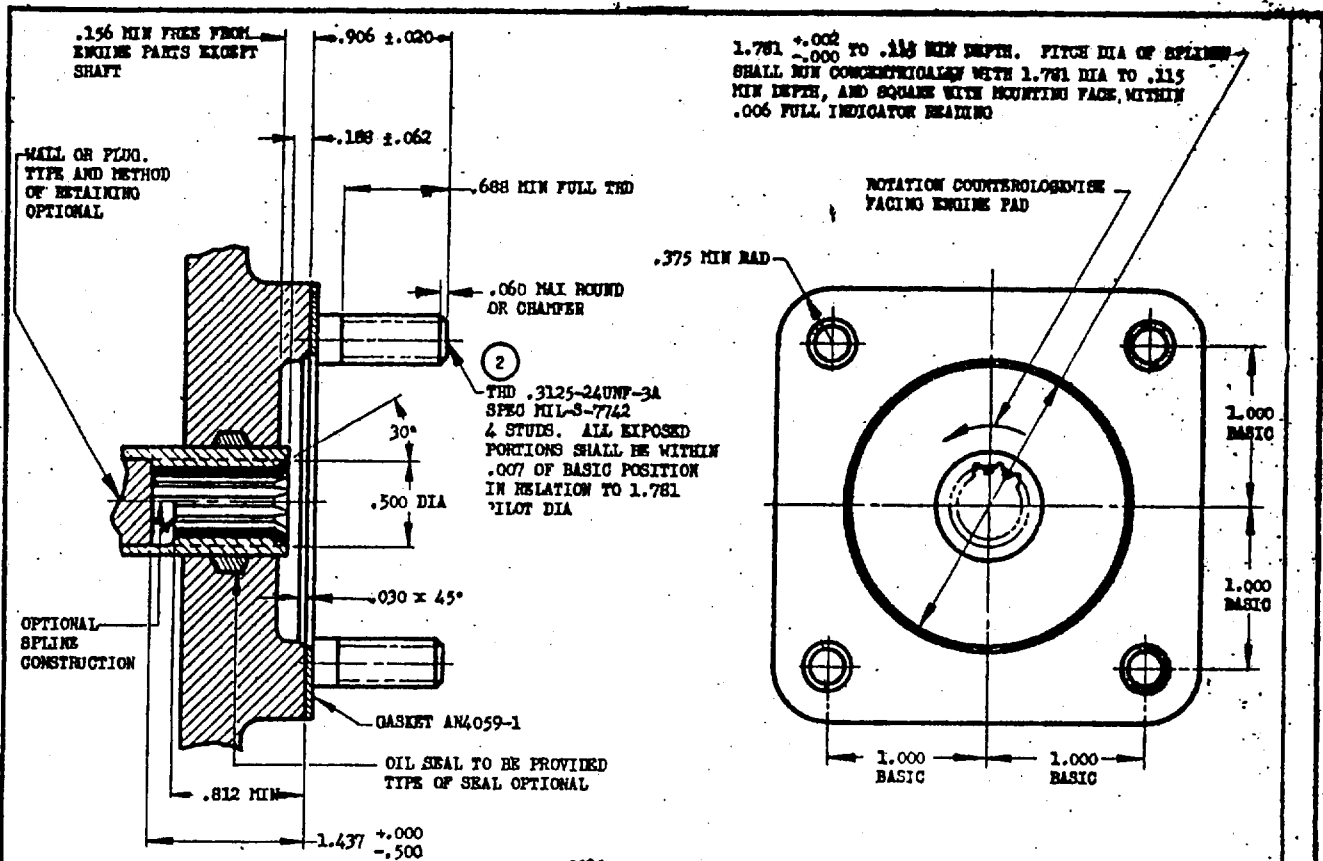
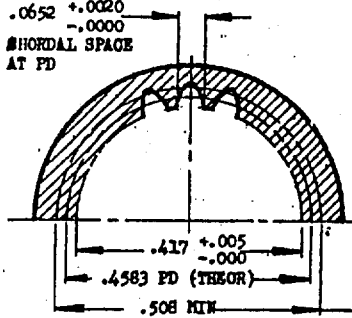


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NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this part. This drawing represents all subsequent standard drawings for this same product and shall become obsolete for the procurement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



② **SPLINE DATA:**
 11 TEETH
 24/48 PITCH
 30° PRESSURE ANGLE
 SURFACE HARDNESS
 ROCKWELL C58 MIN.
 MIN DEPTH OF EFFECTIVE
 CASE .010



TYPE	TORQUE, LB - IN.		ENGINE DISPLACEMENT CU IN.
	T ₀	T _e	
XIII-A	25	450	4000 AND LESS
XIII-B	50	600	OVER 4000

PAD OUTLINE AS DIMENSIONED IS A BASIC MINIMUM AREA REQUIREMENT.

THE OIL LEAKAGE OUT OF THIS DRIVE SHALL NOT EXCEED RCC PER HOUR.

② ACCESSORY CLEARANCE SHALL BE PROVIDED IN ACCORDANCE WITH MANUFACTURER'S MODEL SPECIFICATION.

STRENGTH: SHALL BE CAPABLE OF DRIVING CONTINUOUS TORQUE LOAD (T₀) AT ANY ENGINE SPEED. THE DRIVE SHALL WITHSTAND STATIC TORQUE (T_e) WITHOUT FAILURE OR PERMANENT DEFORMATION.

SPEED: DRIVE SHAFT SPEED AT NORMAL RATED ENGINE SPEED SHALL BE 2000 TO 2500 RPM.

REMOVE ALL BURRS AND SHARP EDGES.

② DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±2°.

② THIS DRAWING AND THE APPLICABLE ENGINE SPECIFICATIONS, TOGETHER, COMPLETELY DEFINE THE DESIGN REQUIREMENTS.

NOMINAL USE OF THIS DRIVE IS FOR FUEL PUMP FOR RECIPROCATING ENGINES ONLY.

AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD

DRIVE - TYPE XIII ENGINE ACCESSORY

AND20003

APPROVED 6 Nov 46 REVISED 1 15 Jul 49 ② 4 Mar 53