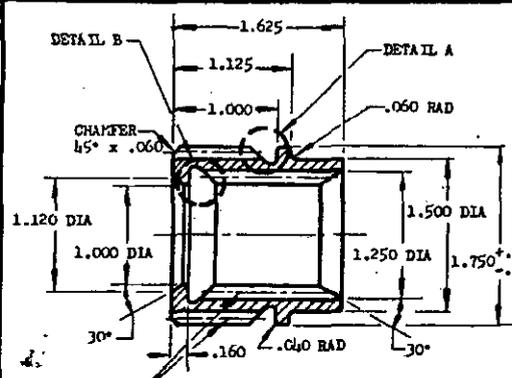
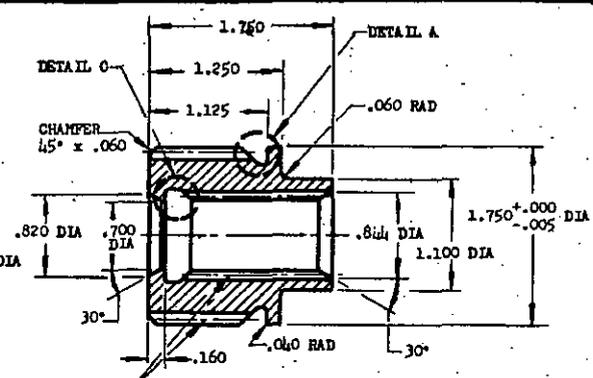


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by manufacturers or other persons as in any manner limiting the liability or any other person or organization, or affecting any rights or obligations in any way by which they may be affected.

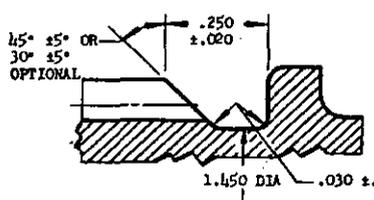
NOTE: This drawing was approved by Joint Chiefs of Staff on the Air Force and Navy Departments on the Air Force-Navy drawing on the date shown. This drawing represents all minimum standard drawings for this case and shall be used for the procurement of components, supplies, or for use in their design, and for their use in manufacturing after the latest date of approval shown.



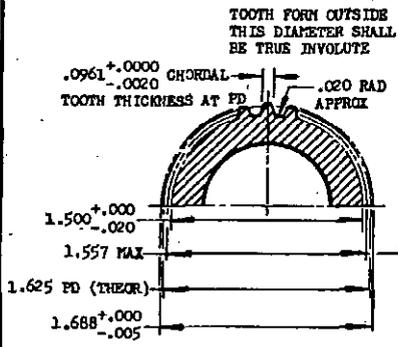
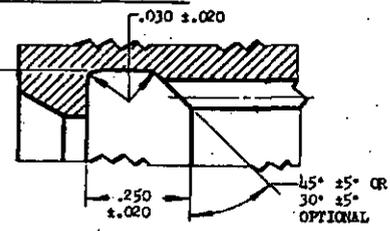
PITCH DIAMETERS SHALL BE PARALLEL AND CONCENTRIC WITHIN .002 FULL INDICATOR READING
ADAPTER 1.625 PD TO 1.200 PD



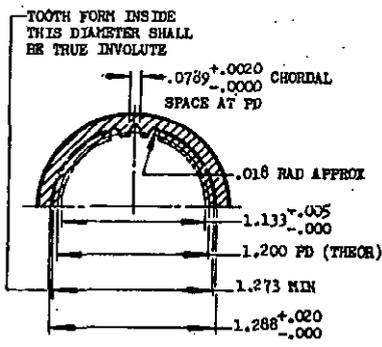
PITCH DIAMETERS SHALL BE PARALLEL AND CONCENTRIC WITHIN .002 FULL INDICATOR READING
ADAPTER 1.625 PD TO .800 PD



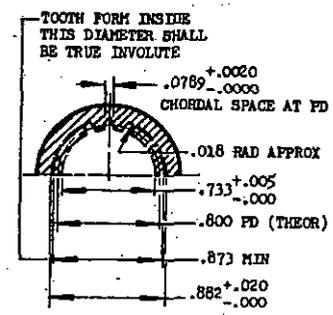
1.340 DIA FOR DETAIL B
.932 DIA FOR DETAIL C



EXTERNAL SPLINE DATA
26 TEETH
16/32 PITCH
30° PRESSURE ANGLE



INTERNAL SPLINE DATA
24 TEETH
20/30 PITCH
30° PRESSURE ANGLE



INTERNAL SPLINE DATA
16 TEETH
20/30 PITCH
30° PRESSURE ANGLE

AN PART NO.	1.625 PD CONVERTED TO:
AN4182-1	.800 PD
AN4182-2	1.200 PD

MATERIAL: STEEL, AN-S-13, AMS6260 OR EQUIVALENT STEELS HAVING SAME PHYSICAL PROPERTIES.
CASE HARDNESS, ROCKWELL C58 MINIMUM OR EQUIVALENT
CORE HARDNESS, ROCKWELL C30 MINIMUM
STEEL, AN-S-19, COMPOSITION A OR EQUIVALENT STEELS HAVING SAME PHYSICAL PROPERTIES.
CASE HARDNESS, ROCKWELL C64 MINIMUM OR EQUIVALENT.
CORE HARDNESS, ROCKWELL C22 MINIMUM

CASE HARDENING OF SURFACES OTHER THAN SPLINE IS OPTIONAL. MINIMUM DEPTH OF EFFECTIVE CASE .010.
ANGULAR RELATIONSHIP OF INTERNAL SPLINES TO EXTERNAL SPLINES IS UNIMPORTANT.
REMOVE ALL BURRS AND SHARP EDGES.
ALL DIAMETERS MUST BE CONCENTRIC WITHIN .010 FULL INDICATOR-READING UNLESS OTHERWISE SPECIFIED.
NOMINAL USE TO CONVERT 1.625 PD SPLINE TO 1.200 PD OR .800 PD SPLINE.
DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: THREE PLACE DECIMALS ±.010, ANGLES ±2°.

PROCUREMENT SPECIFICATION NONE	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN4182
	ADAPTER-TYPE XVII DRIVE SPLINE	

APPROVED 5 AUG 49 REVISED