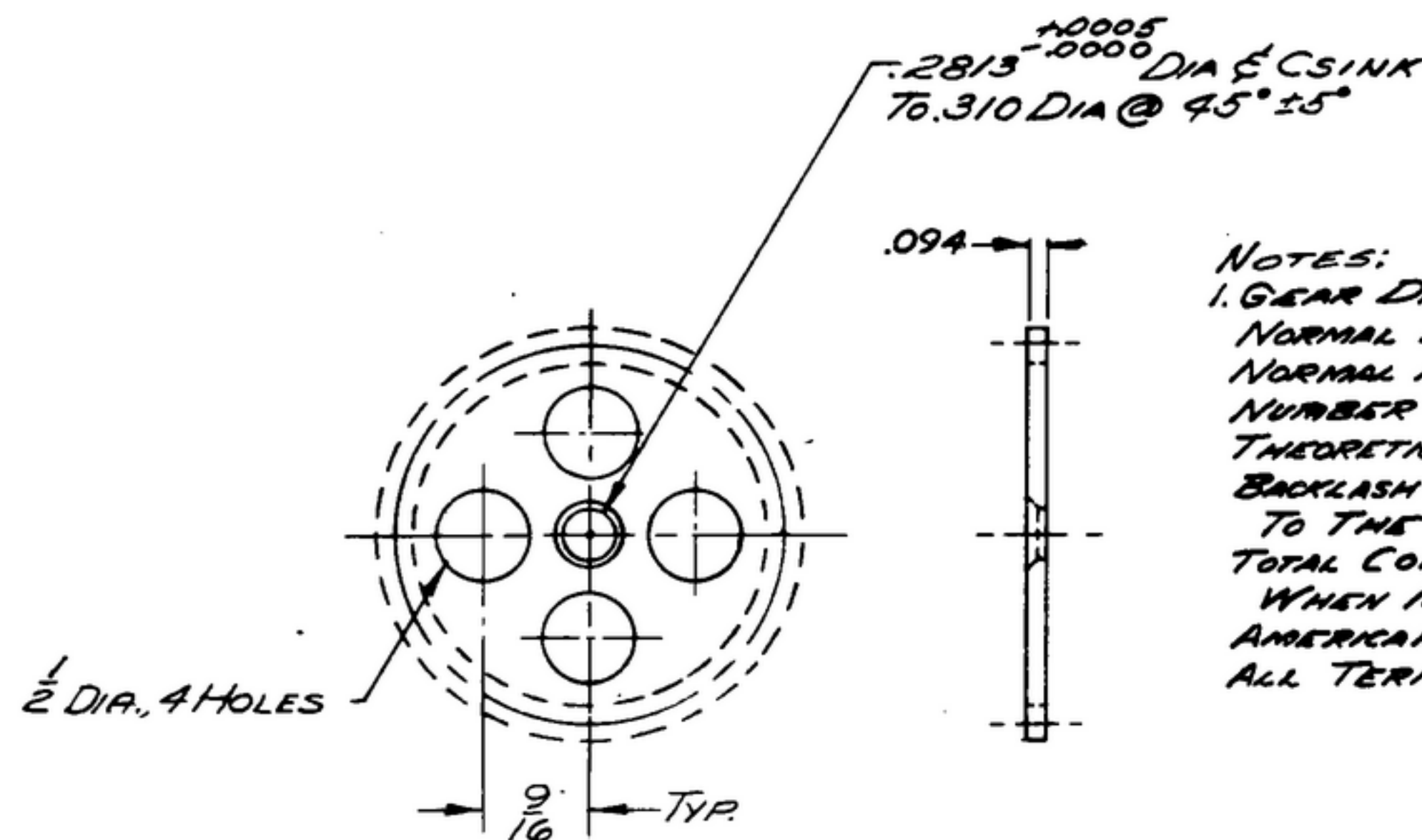


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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL



NOTES:  
 1. GEAR DATA:  
 NORMAL DIAMETRAL PITCH 48  
 NORMAL PRESSURE ANGLE 20°  
 NUMBER OF TEETH 100  
 THEORETICAL PITCH DIAMETER 2.0833  
 BACKLASH .002 TO .003 WHEN REFERRED TO THE THEORETICAL PITCH CIRCLE.  
 TOTAL COMPOSITE ERROR NOT TO EXCEED .003 WHEN MEASURED WITH MASTER GEAR.  
 AMERICAN STANDARD INVOLUTE TOOTH FORM  
 ALL TERMS USED AS DEFINED BY A.G.M.A. STANDARDS.

BRASS, COMP. 24, TEMPER 1/2H, PER SPEC QQ-B-613

COLLINS PART NO.	ITEM	QTY	PART NO.	DESCRIPTION	UNIT	MATL SPEC
LIST OF MATERIAL						
COLLINS PART NO. 558 0242 002						

DRAWN <i>RDG</i>				CHECKED <i>Williams</i>		APPROVED		COLLINS RADIO CO. CEDAR RAPIDS, IOWA 1421A-PH-51-93		DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY	
UNLESS OTHERWISE SPECIFIED: DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.008 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±1/64 MACHINED ANGLES MAY VARY ±.1° SHEARED ANGLES MAY VARY ±.25° BROKEN ANGLES MAY VARY ±.1° ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING. ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.				SIGNAL CORPS		REVIEWED <i>PME</i>		GEAR-SPUR			
558-0286-002-1 SM-B-248893 SC-DL-248775				APPROVED <i>HLV</i> <i>PME</i>		DATE <i>8 Dec 1955</i>					
APPLICATION				NEXT ASSY		USED ON				SM-B-248893	