

EQUIP. TYPE *R390A/ARR* EXP. NO.

~~COL. 540 7465 062~~

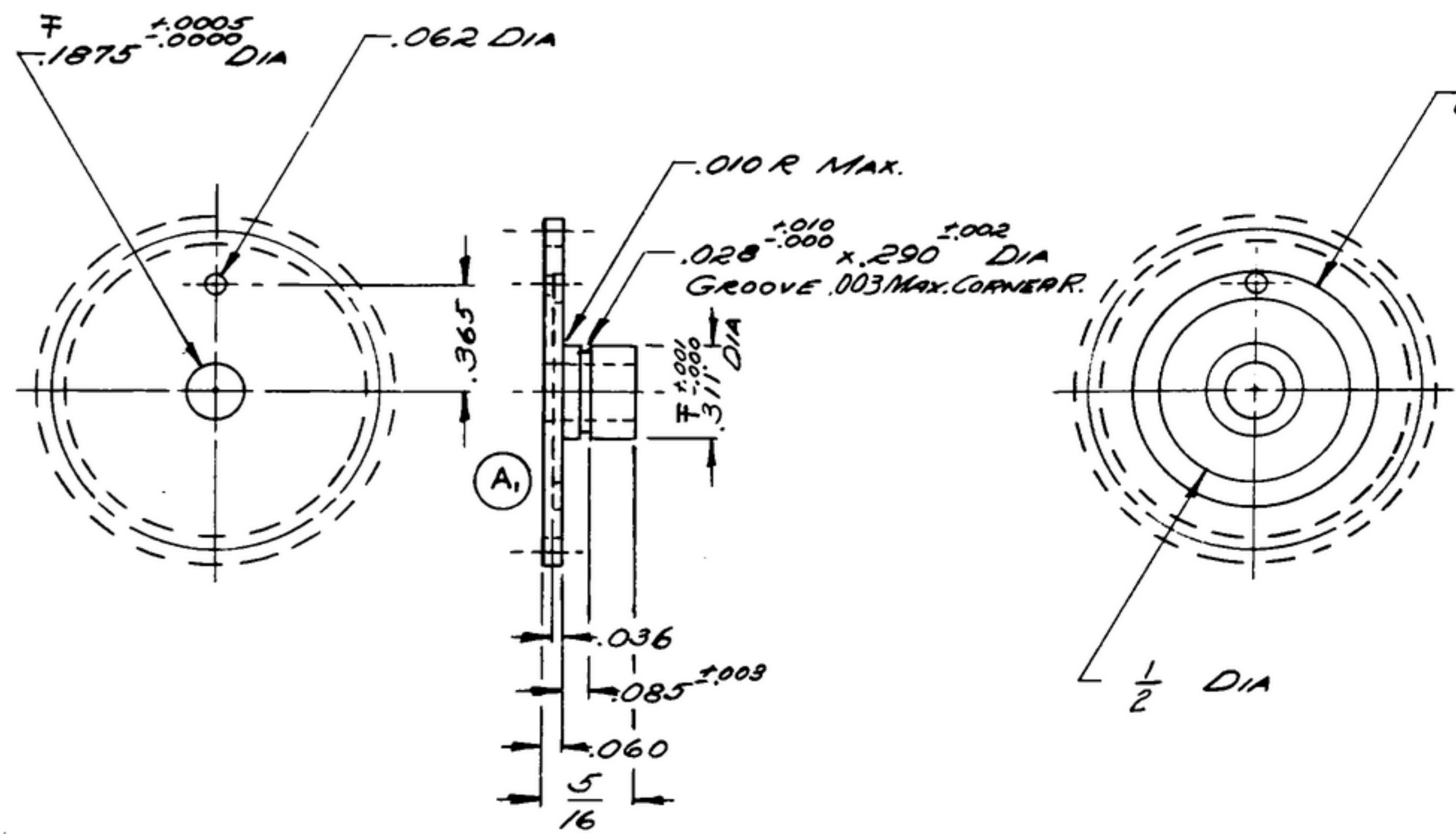
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* FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.

~~* SWE APPROVAL
SYM PR10042-5~~

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A,	A, CORRECTED SIDE VIEW TO AGREE WITH FRONT VIEW	9 OCT 59	42428-PC 59-AI-51 REV'D PME



CRES, COMP 3035, CONDB, SURFACE COND d, PER SPEC MIL-S-7720.

*FINISH: E300 PER SPEC MIL-F-4072.
* COLLINS 580-002500*

- NOTES:
- GEAR DATA.
 NORMAL DIAMETRAL PITCH 32
 NORMAL PRESSURE ANGLE 20°
 NUMBER OF TEETH 36
 THEORETICAL PITCH DIA. 1.125

*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 STDS.
 2. ECCENTRICITY BETWEEN DIAMETERS MARKED † SHALL NOT EXCEED .002 T.I.R.*

COLLINS PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	QTY	MATL SPEC
LIST OF MATERIAL						
COLLINS PART NO. 558-0253002						

COLLINS NO.	QTY	NEXT ASSY	USED ON
558-0253002	1	SM-B-248904	X-DL 248775

APPLICATION

DRAWN *HENRY* CHECKED *RM* APPROVED

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.

COLLINS RADIO CO.
 14214 - PH
 51 - 93
 SIGNAL CORPS
 REVIEWED *PME*
 APPROVED *HLV*
PME
 DATE *6 Dec 55* SCALE *2/1*

GEAR - SPUR

DEPARTMENT OF THE ARMY
 SIGNAL CORPS ENGINEERING
 LABORATORIES
 FORT MONMOUTH NEW JERSEY
SM-B-248904