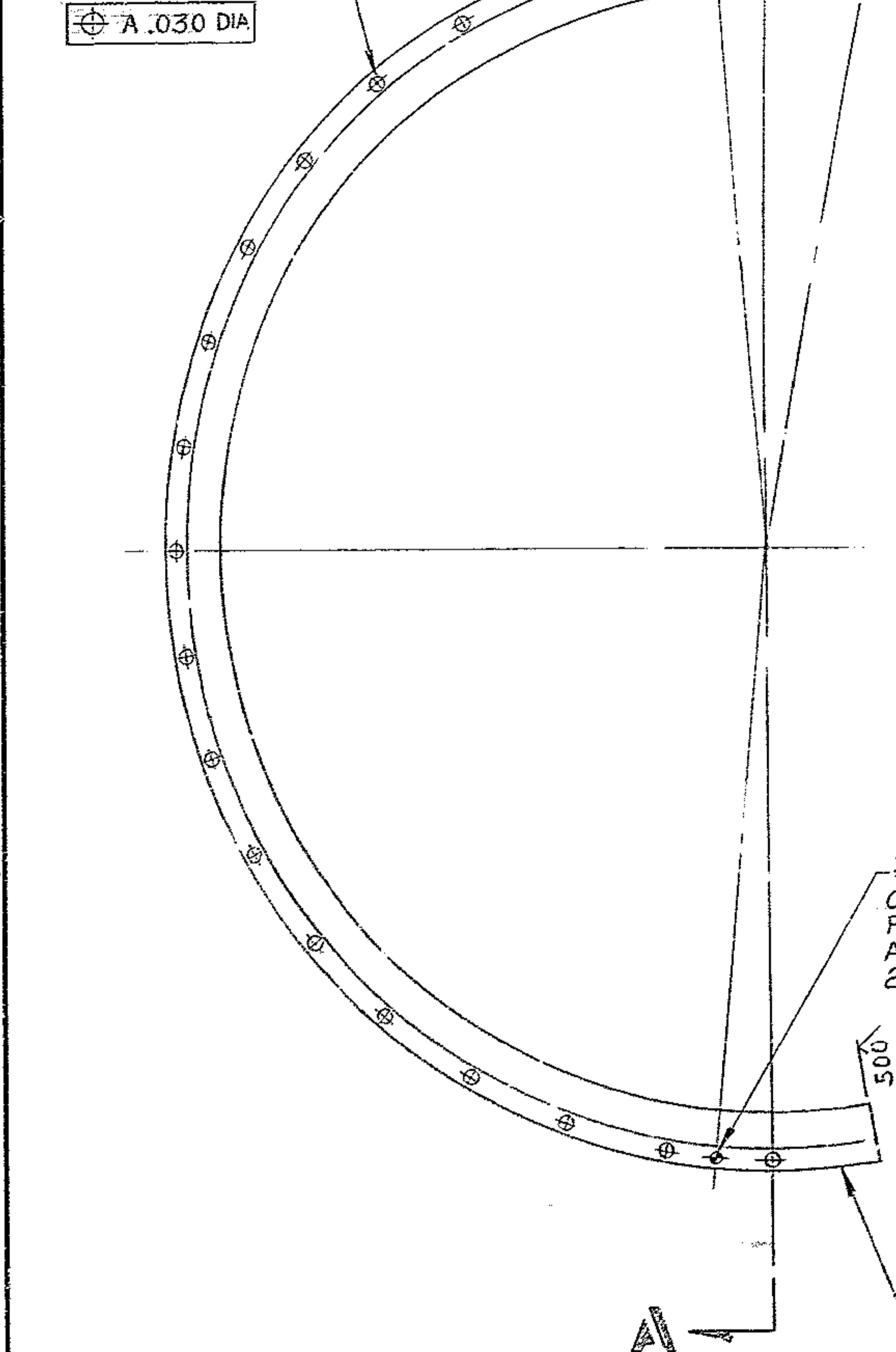


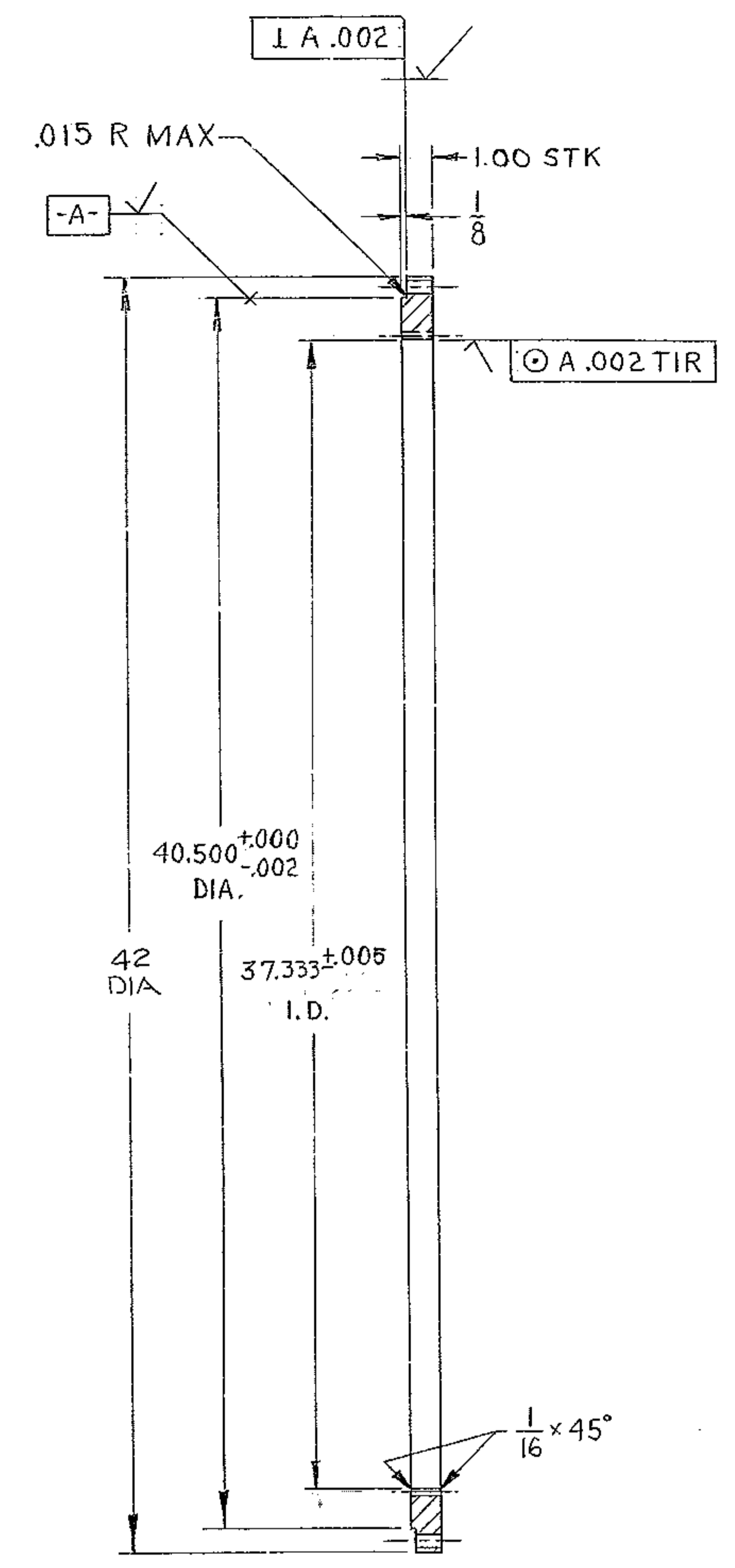
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER AURA APPD PRINT AND GENERAL REVISIONS PART NO. WAS 2150.283D411		

7/16" DIA DRILL THRU 19 HOLES EQ. SPACED THRU 180° ON 41.250 B.C.



1/32 (343) DR THRU ON 41.500 DIA B.C. REAM FOR 3/8 DIA DOWEL AT ASSY 2 PLACES

STAMP PART NO. "2150.283D106"



SECTION A-A

- NOTES:
1. ALL DIMENSIONS ARE IN INCHES.
 2. ALL SURFACES MARKED √ TO BE 125/ EXCEPT AS NOTED
 3. MAX RUNOUT OF P.D. = .008
PITCH ERROR = .0030
PROFILE ERROR .0030

INTERNAL SPUR GEAR DATA	
NO. OF TEETH	450 (OVER 360°)
RATIO	16.0714
PITCH DIAMETRAL	12
PITCH DIAMETER	37.500
PRESSURE ANGLE	14°30'
ADDENDUM	.0833
DEDENDUM	.0964
CENTER DISTANCE	17.583
NO. OF TEETH ON MATE	28
METHOD OF CUTTING	SHAPER
B'LASH ON STD CENTERS, TOTAL	.003-.005
MEAS. BETWEEN .1200 DIA PINS (003-.004 BACKLASH INCLUDED)	37.418 37.422
MATES WITH DWG NO. 2150.283C310	

2 A .005 TIR

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS
DEPARTMENT
APPROVED FOR
PROCUREMENT
DATE 1-6-69

NEXT ASSY 2150.283E102 (WGN102987)

FIND NO.	PART NO.	DESCRIPTION	QTY	MATERIAL	CODE IDENT
LIST OF MATERIAL (LM)					
LIMITS ON MACHINED DIMENSIONS EXCEPT AS NOTED		150 IN STELLAR TELESCOPE MOUNTING			
ANGULAR = ± 1° 0'		DRAWN FLAVIN 5-12-68			
LINEAR:		CHECK 4/11/69 5-23-68			
X = ± .1 .XXX = ± .010		ENGR			
XX = ± .03 FRACTIONAL = ± 1/32		MATERIAL			
BREAK ALL SHARP EDGES		R 42 40 D. x 37 I.D. x 1			
		STL SAE 4340 OR EQUIV.			
		H.T. TO 280 BHN MIN.			
		WGE 107671		SIZE	CODE IDENT NO.
		APPROVED		D 16603	2150.283D 106
				SCALE 1/4	WT LB SHEET 1 OF 1

REF. FILE 1176

WESTERN GEAR CORPORATION
HEAVY MACHINERY DIVISION
EVERETT, WASHINGTON
GEAR
COUDE #3 ASSY