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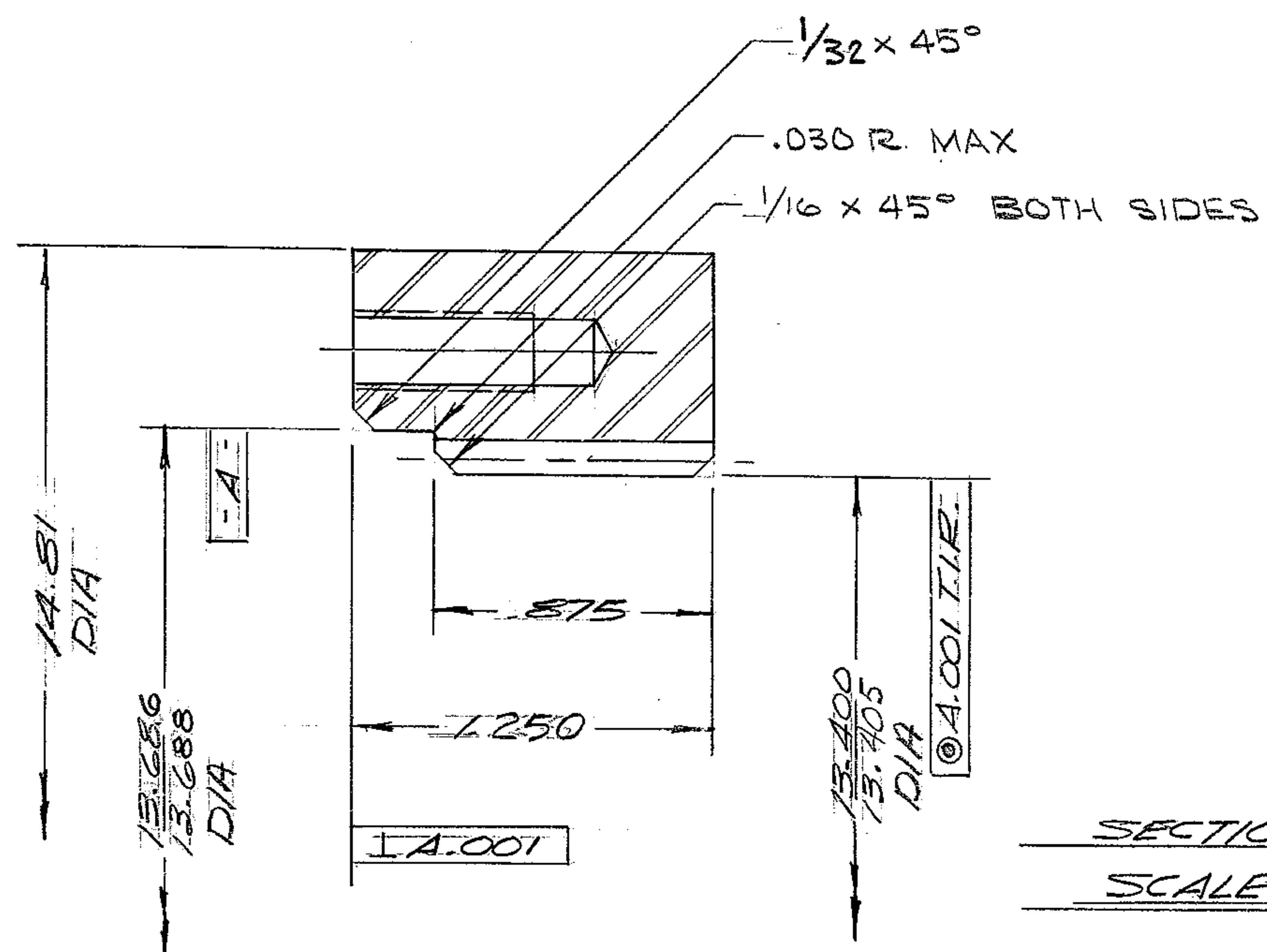
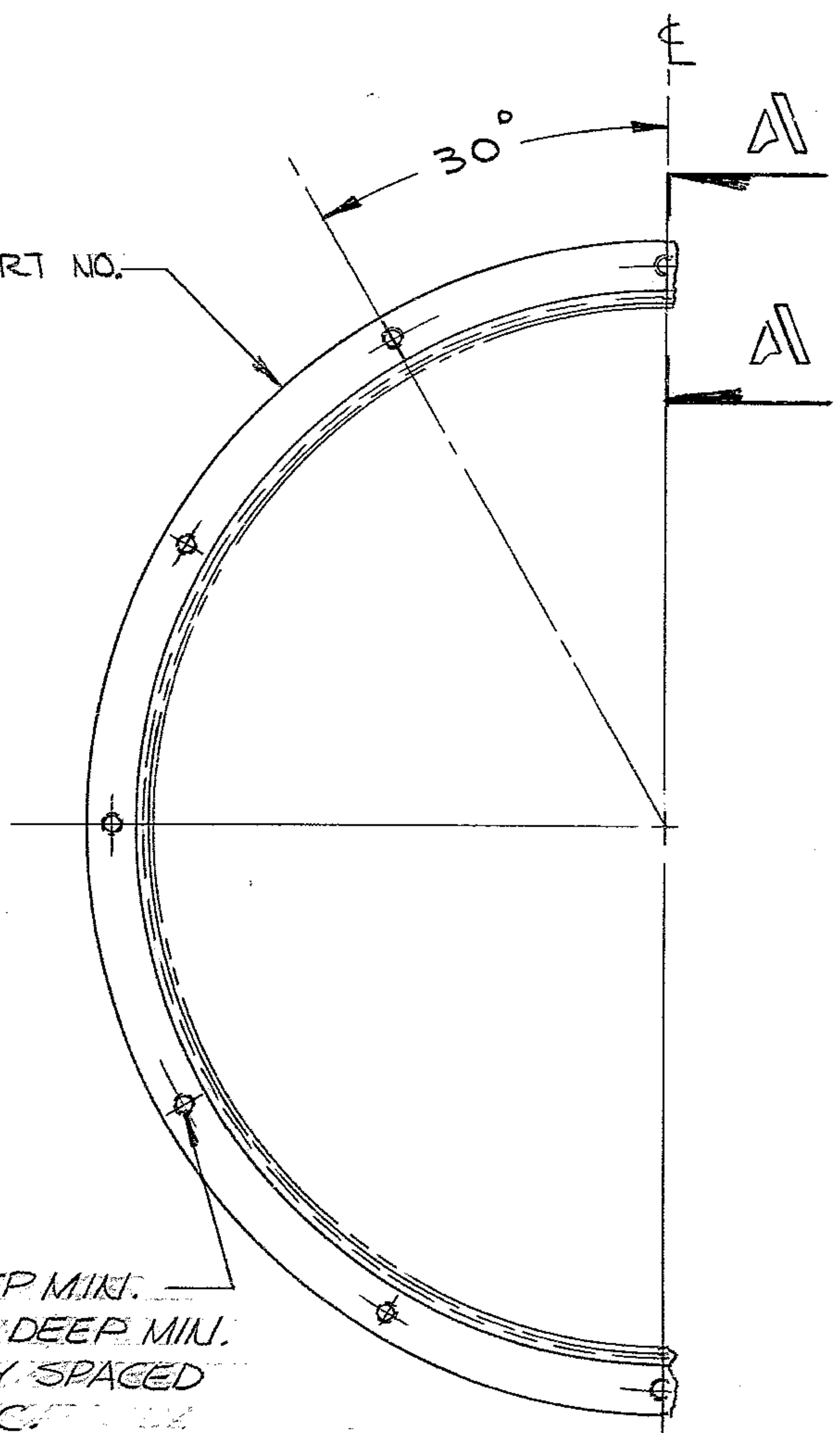
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED PER AURA APPD PRINT	8-14-68	
	B	1/32 x 45° WAS 1/16 x 45° ADDED 30° TO HOLE	4-14-69	
	C	REL. PER AURA APPD PRINT	15 OCT 69	

MARK WITH PART NO.
"2150.210C108"



SECTION A-A
SCALE-2/1

#7(20) DRILL X .75 DEEP MIN.
1/4-20 UNC-2A X .56 DEEP MIN.
12 HOLES EQUALLY SPACED
ON 14.187 DIA. B.C.

⊕A.030 DIA

- NOTES:
1. ALL DIMENSIONS ARE IN INCHES
 2. FINISH 125/ ALL OVER UNLESS OTHERWISE NOTED

WESTERN GEAR CORPORATION
CONSTRUCTION PROJECTS
DEPARTMENT
APPROVED FOR
PROCUREMENT
DATE 8-14-68

AGMA CLASS B INTERNAL GEAR DATA	
NUMBER OF TEETH	216
RATIO	9.000
PITCH (DIAMETRAL) AGMA STUB	16
PITCH DIAMETER	13.500
PRESSURE ANGLE	20°
ADDENDUM	0.0500
DEDENDUM	0.0625
CENTER DISTANCE	6.000
NO. TEETH ON MATE	24
METHOD OF CUTTING	SHAPER
TOTAL BACKLASH ALL ON STD CTRS	.004 - .006
MATES WITH DWG NO.'S	2150.210C106 2150.210C107
MEAS. BETWEEN .0900 DIA PINS (.002 - .003 BACKLASH INCL)	13.4221 13.4248

NEXT ASSY - 2150.210E102 (W.G. N102959)

FIND NO.	PART NO.	DESCRIPTION	QTY	MATERIAL	CODE IDENT
LIST OF MATERIAL (LM)					
LIMITS ON MACHINED DIMENSIONS EXCEPT AS NOTED		150 IN. STELLAR TELESCOPE MTG.		Western GEAR CORPORATION HEAVY MACHINERY DIVISION EVERETT, WASHINGTON	
ANGULAR = ± 1° 0'		DRAWN <i>L. NIEVE</i> 3/6/68			
LINEAR:		CHECKED <i>W. H. WILSON</i> 3/26/68		GEAR, RING P.A. CABLE WRAP-UP	
X = ± .1 .XXX = ± .010		ENGR			
XX = ± .03 FRACTIONAL = ± 1/32		MATERIAL		SIZE CODE IDENT NO. REV C 16603 2150.210C108 C	
BREAK ALL SHARP EDGES		STL, SAE 4340		SCALE 1/2 WT 10 1/4 LB SHEET 1 OF 1	
MATERIAL		R 15 1/8 O.D. x 13.0 I.D.			
		x 1/2			
		H.T. TO 300/350 BHN			
		W.G.D 107382			
		APPROVED			