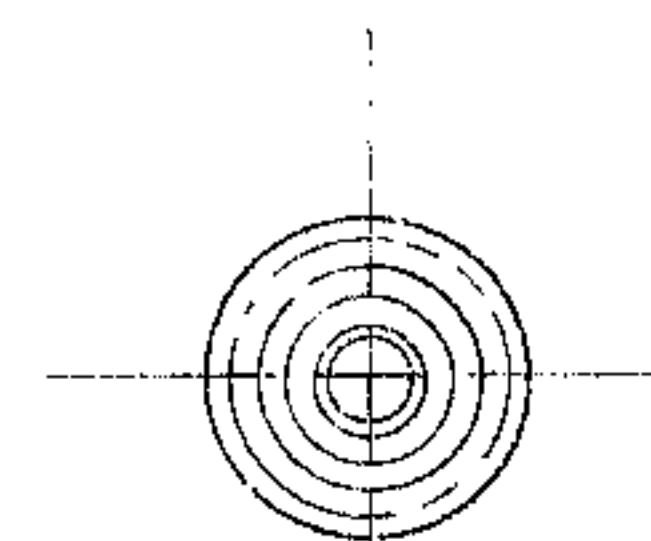
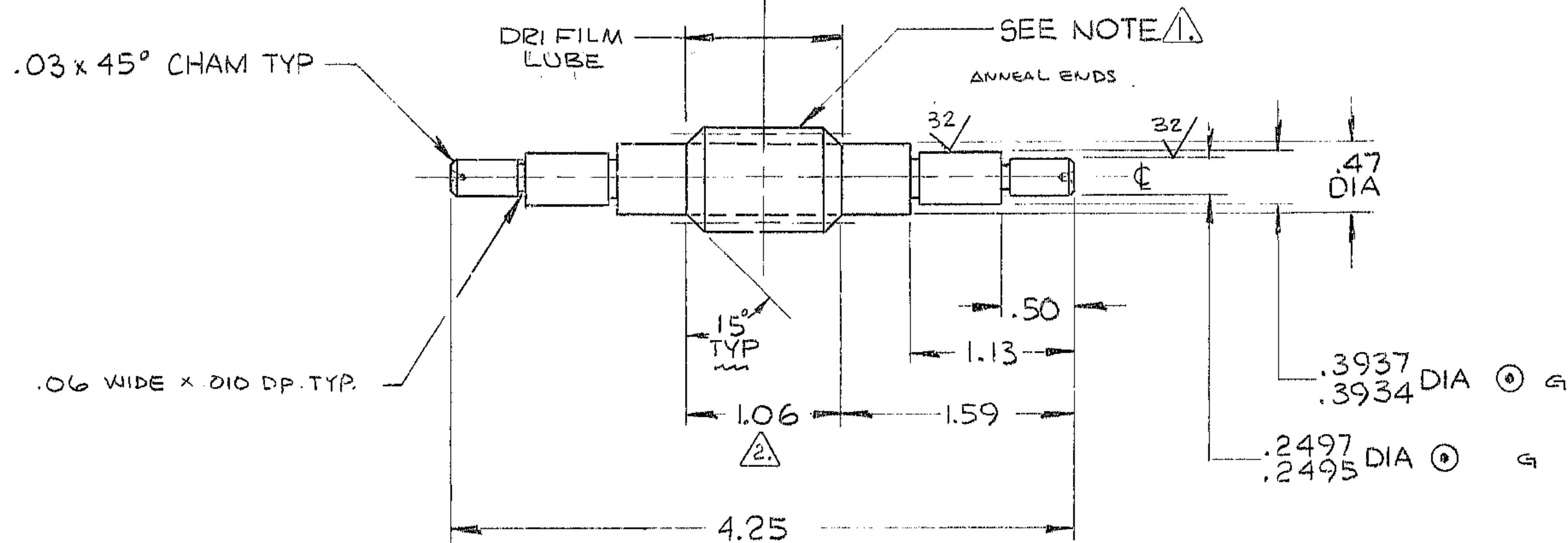


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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	REVISED / AREA REQ	2-19-70	W.L.

WORM DATA	
PITCH DIA	.625
O. D.	.750
THRD	1 RH
PRESSURE ANGLE	14 1/2°
HELIX ANGLE	5° 43'
DIAMETRAL PITCH	16

SYMMETRIC ABOUT ϕ



REF. FILE 1190

NOTE:
 1. GRIND & POLISH TOOTH CONTACT SURFACES TO $\sqrt{8}$ OR BETTER.
 2. ANNEAL ENDS H.T. & GRIND
 3. DIA'S MARKED WITH: \odot , TO BE CONCENTRIC TO ϕ WITHIN .0003 T.I.R.
 LEAVE .010 PER SIDE FOR GRIND

NO. REQ. - _____ PER NEXT ASSEM.
 N/A - 2150.570E102 - (1) REQ'D (x2) MAT'L - SAE 52100 STL
 N/A - 2150.590E002 - (1) " (x3) FINISH -
 N/A - 2150.590E102 - (1) " " HT. TRT. - RC 60-63
 (6) TOTAL

LIMITS ON MACHINED DIMENSIONS EXCEPT AS NOTED ANGULAR $\pm 1/100'$ LINEAR .X = $\pm .1$.XX = $\pm .03$.XXX = $\pm .010$ FRACTIONAL $\pm 1/32$ BREAK ALL SHARP EDGES	150 INCH STELLAR TELESCOPE	Western GEAR CORPORATION HEAVY MACHINERY DIVISION EVERETT, WASHINGTON
	DRAWN MMS/3-28-69 CHECK WJR 2-12-70 ENGR P 2-20-70	
APPROVED	SIZE B CODE IDENT NO. 16603 2150.505 B106	REV A
	SCALE FULL	WT. .26 LB SHEET 1 OF 1