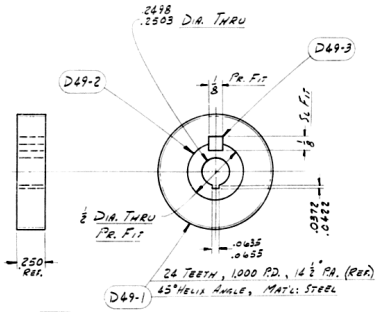
BILL OF MATERIAL					
ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D49-1		1	STEEL	BOSTON #H262R HELICAL GEAR 26 D.P. 1 P.D.	
2		1	BRASS ALLOY #271	1/2 DIA. x .250 Lg.	
3		1	ALUM. ALLOY #2024-T4	1/8 x 1/8 x .250	
6		1	ALUM. ALLOY #2024-T4	.873 x 1.59 x 2.15	
5		1	STAINLESS STEEL ALLOY #303 SEL. COND. 'A'	3/8 DIA. x 3.75 Lg.	
6		1	STAINLESS STEEL #303 PRECISION GROUND SHAFTING	1/4 DIA. x 5.75 Lg.	
7		1		HELICAL GEAR ASS'Y	

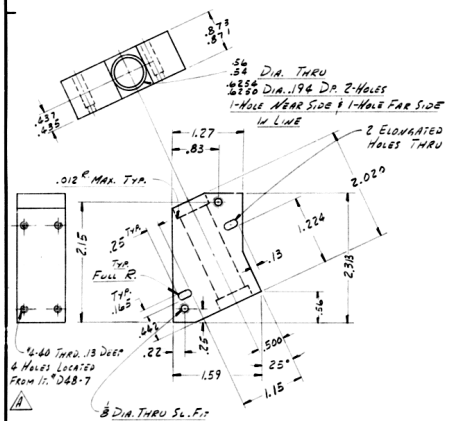
NOTE: SIZES OF MATERIAL LISTED DO NOT INCLUDE STOCK ALLOWANCE FOR MACHINING AND CUTTING OFF EXCEPT AS NOTED. THE SIZE SPECIFIES THE MATERIAL REQUIRED FOR ONE PIECE ONLY. QUANTITIES NOTED ARE THE TOTAL NUMBER REQUIRED.



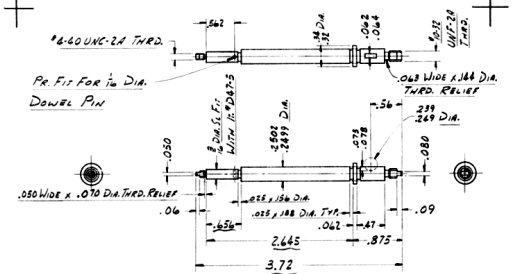
D49-7 HELICAL GEAR ASS'Y
No. REQ'D: 1

D49-2 FILLER PLUG
No. REQ'D: 1
MAT'L: BRASS ALLOY #271
OPTICAL BLACK CHEMICALLY

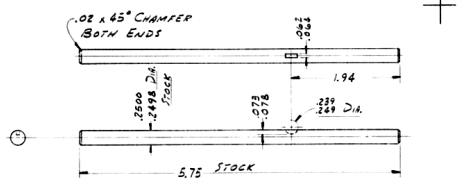
D49-3 KEY
No. REQ'D: 1
MAT'L: ALUM ALLOY #2024-T4
BLACK SULFURIC ANODIZE



D49-4 WORM AXLE MOUNT
No. REQ'D: 1
MAT'L: ALUM. ALLOY #2024-T4
BLACK SULFURIC ANODIZE
125 √ FINISH ALL OVER



D49-5 WORM AXLE
No. REQ'D: 1
MAT'L: STAINLESS STEEL ALLOY #303 SEL. COND. 'A'
OPTICAL BLACK CHEMICALLY
63 √ FINISH ALL OVER



D49-6 SHAFT
No. REQ'D: 1
MAT'L: STAINLESS STEEL #303
PRECISION GROUND SHAFTING

REMOVE ALL BURRS & SHARP EDGES UNLESS OTHERWISE SPECIFIED

QUANT.	PRINT RECORD	DATE	NO.	REVISION	DATE	BY
			A	ADDED #6-60 THRD. & HOLES	12/6/84	P

TOLERANCES UNLESS OTHERWISE NOTED.
DECIMAL .00 ±.02 .000 ±.005 ANGLES ± 1/2°
FRACTIONAL
FABRICATION: UP TO 10" ± 1/16; 10" TO 50" ± 1/8; 50" & OVER ± .3%; ⊥ .005"/INCH
MACHINING: UP TO 10" ± .010; 10" TO 50" ± .020; 50" & OVER ± .05%; ⊥ .0025"/INCH
MACHINED SURFACES ARE FINISHED TO 125 √ UNLESS OTHERWISE SPECIFIED.

FOR NEXT ASS'Y SEE 2028.01-D47

KITT PEAK NATIONAL OBSERVATORY
OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC. UNDER CONTRACT WITH NATIONAL SCIENCE FOUNDATION

84 TELESCOPE -- CASSEGRAIN SPECTROGRAPH

NAME: INNER GRATING DRIVE DETAILS

DESIGNED BY L.L. MACCALL — DATE 10-17-84
DRAWN BY PETRI — DATE
APPROVED BY [illegible] — DATE 6-30-84
SCALE FULL
DWG. NUMBER 2028.01-D49
REV A

USE FILE 2090

A
.1 POINT CLEARPRINT 1000H