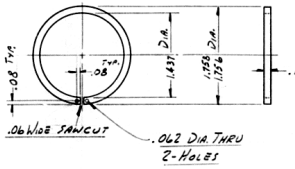
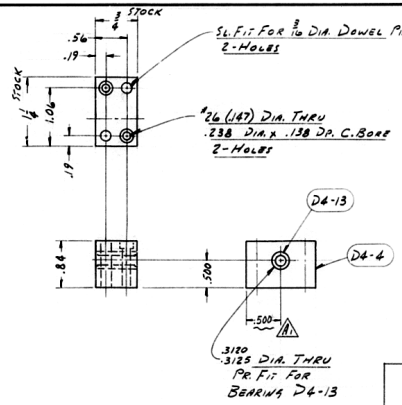


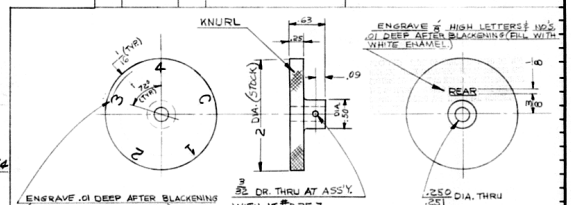
D4-2 SPACER
No. Req'd: 2
Mat'l: Brass Alloy #271



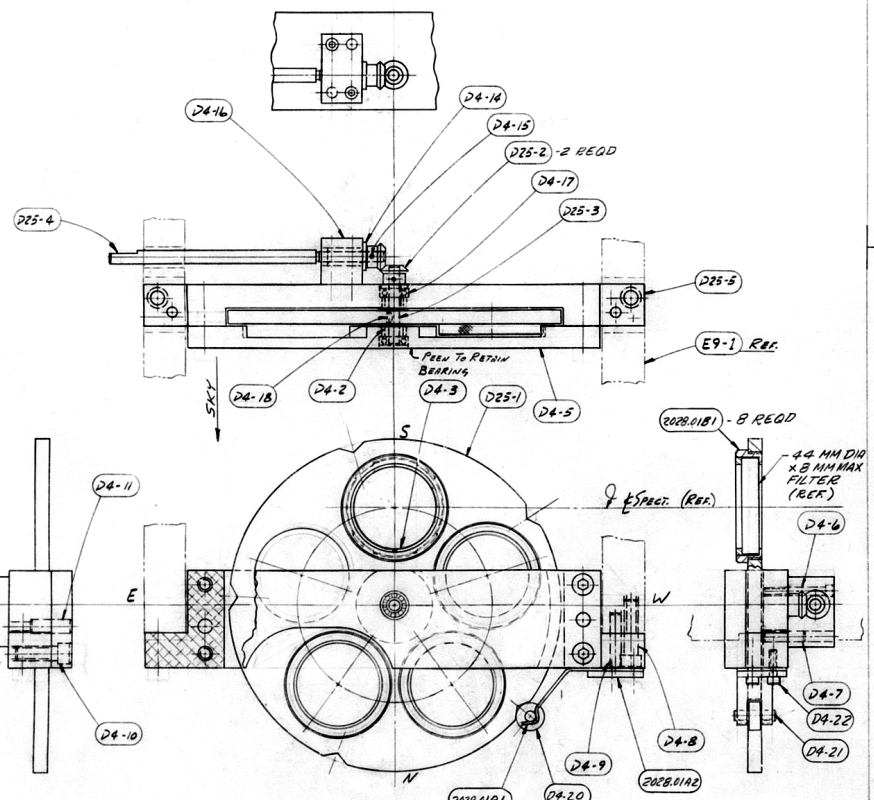
D4-3 Retainer -- Filter
No. Req'd: 8
Mat'l: Alum. Alloy #2024-T4
Black Sulfuric Anodize



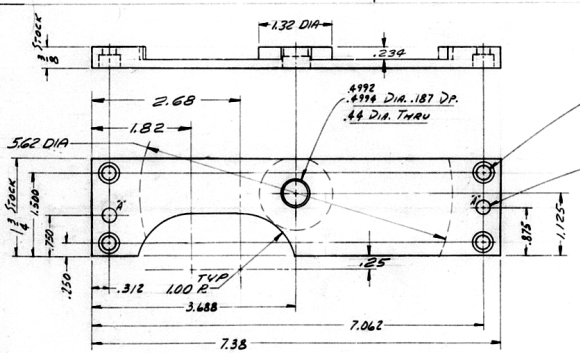
D4-16 Pillow Block
No. Req'd: 1
Mat'l: Alum. Alloy #2024-T4
Black Sulfuric Anodize



D4-19 HAND KNOB -- 1 REQ'D.
MAT'L. -ALUM ALLOY 2024-T4
BLACK SULFURIC ANODIZE
FOR NEXT ASS'Y SEE: 2028.01-D33



D4-1 Rear Filter Disc Assembly
No. Req'd: 1



D4-5 Plate -- Bearing
No. Req'd: 1
Mat'l: Alum. Alloy #2024-T4
Black Sulfuric Anodize

BILL OF MATERIAL

ITEM	DWG. NO.	QTY.	MATERIAL	DESCRIPTION	WEIGHT
D4-1		1		Rear Filter Disc Assembly	
-2		2	Brass Alloy #271	5/16 Dia. x .219 Lg.	
3		8	Alum. Alloy #2024-T4	1.758 Dia. x .125 Thk.	
4		1	Alum. Alloy #2024-T4	3/4 x 1 1/4 x .84	
5		1	Alum. Alloy #2024-T4	3/8 x 1 1/4 x 7.38	
6		2	Steel	Soc Hd. Cap Scr. #6-32 x 1"	
7		2	Steel	Dowel 3/16 x 3/4	
8		2	Steel	Soc Hd Cap Scr 1/4-20 x 1	
9		2	Steel	Dowel 3/16 x 1"	
10		4	Steel	Soc. Hd Cap Scr. 1/4-20 x 3/4	
11		2	Steel	Dowel 1/4 x 3/8	
12					
13		1	Oil-less Bronze	Sleeve Bearing Pic# B10-8	
14		2	Oil-less Bronze	Thrust Washer Pic#AN-2-W	
15		2	Stainless Steel	Pic Roll Pin #C3-5 1/16 x 3/8	
16		1		Pillow Block	
17		2		Fafnir Ball Brg. #33 K5	
18		1	Stainless Steel	Pic Woodruff Key #CR201 1/16 x 1/4	
19			Alum. Alloy #2024-T4	2" Dia. x .63 Lg.	
20		1	—	"PIC" Ball Brg #EI-G	
21		1	Stainless Steel	3/16 Dia x 3/4 Lg. Dowel	
22		2	—	Soc Hd Cap Scr #6-32 x 1/2	

NOTE:
Remove All Burrs & Sharp Edges Unless Otherwise Specified

TOLERANCES UNLESS OTHERWISE NOTED.
DECIMAL .00 ±.02, .000 ±.005, ANGLES ± 1/4°
FRACTIONAL — FABRICATION: UP TO 10" ± 1/16, 10" TO 30" ± 1/8, 30" & OVER ± .25; MACHINING: UP TO 10" ± .01, 10" TO 30" ± .03, 30" & OVER ± .060
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

QUANT.	PRINT RECORD	DATE

NO.	REVISION	ECR	DATE	BY
	2028.01D4-20,-21-22 ADDED	2382	4-10-81	LC
	2028.0181, A2, B1 ADDED			
C	REVISED ITEM D4-5, D4-15	2382	4-10-81	LC
B	REVISED ASSY. BUILT		11/16/67	EC
A2	ADDED C'BORE FOR 1/4 SOC HD CAP SCR.	2456		
A1	.500 DIM. WAS 1.25			

For Next Assembly See: 2028.01-E1

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

Designed by	E. Goldrich — Date 12-28-67
Drawn by	Petri — Date 12-28-67
Approved by	— Date
Name	Assembly & Detailed Rear Filter Disc
Scale	Full
Dwg. Number	2028.01-D4
Rev.	C

REF. FILE 2090