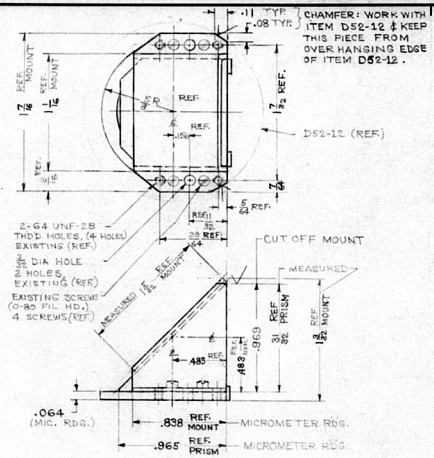


D56-1 CAP - 1 REQ'D.

MAT'L. - BRASS ALLOY 271-HALF-HARD FREE-TURNING
1 REQ'D. FOR ASSEMBLY D3-2
FINISH - OPTICAL BLACK CHEMICALLY
125/ FINISH ALL OVER

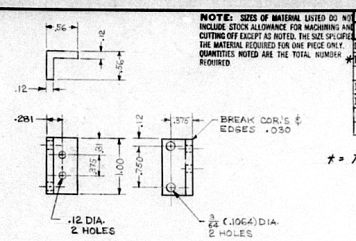
SCALE: FULL SIZE



D56-2 PRISM ASSEMBLY - 1 REQ'D.

MAT'L. - RIGHT ANGLE PRISM, EDMUNDS No. 3254, INCLUDING MOUNT. ALTER AS SHOWN
1 REQ'D. FOR ASSEMBLY D3-2.
FINISH: BRASS MOUNT ONLY: OPTICAL BLACK, CHEMICALLY.

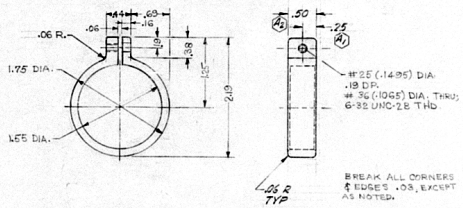
SCALE: DOUBLE SIZE



D56-3 SWITCH MOUNT

MAT'L - 2024-T4 ALUMINUM - 1 REQ'D FOR ASSEMBLY D3-1
FINISH: BLACK SULFURIC ANODIZE.
125/ FINISH ALL OVER.

SCALE: FULL SIZE



D56-4 ACTUATOR COLLAR

MAT'L. BRASS ALLOY #271 HALF HARD DRAWN.
1 REQ'D FOR ASSEMBLY D3-1
FINISH: OPTICAL BLACK, CHEMICALLY
125/ FINISH ALL OVER.

SCALE: FULL SIZE

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

BILL OF MATERIAL

ITEM	NO. REQ'D. ASSEMBLY D3-1	NO. REQ'D. ASSEMBLY D3-2	MATERIAL	DESCRIPTION	WEIGHT
D56-1		1	BRASS ALLOY 271, HALF HARD	2.25 DIA. X 2.00	
*D56-2		1	PURCHASED	RIGHT ANGLE PRISM EDMUNDS #3254, INCLUDING MOUNT: 24 mm X 33 mm X 24 mm	
D56-3	1		2024-T4 ALUMINUM	.56 X .56 X 1.00	
D56-4	1		#271 BRASS ALLOY	1.75 X .62 X 2.13	
	"		HALF HARD DRAWN		

* = To Be Provided By Alira Inc. Unaltered

FOR ASSEMBLY SEE DWG. # 2028.01-D3

REF. FILE 2090

QUANT.	PRINT RECORD	DATE
5	D10	5-14-76

NO.	REVISION	DATE	BY
A1	.25 was .31 A2 .52 was .62 1177	5-14-76	JH

TOLERANCES UNLESS OTHERWISE NOTED.
DECIMAL .00 ±.010 .000 ±.003 ANGLES ± 1/4°
FRACTIONAL
FABRICATION: UP TO 10" ± 1/16; 10" TO 30" ± 1/8; 30" & OVER ± .75
MACHINING: UP TO 10" ± .015; 10" TO 30" ± .020; 30" & OVER ± .050
⊥ .005"/INCH
MACHINED SURFACES ARE FINISHED TO 125 UNLESS OTHERWISE SPECIFIED.

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

84-INCH TELESCOPE CASSEGRAIN SPECTROGRAPH

NAME: SLIT VIEWER ASSEMBLY DETAILS

DESIGNED BY: D.C. MACKILL — DATE: OCT 1963
DRAWN BY: R.W. KING — DATE: 3-26-64
APPROVED BY: D.C. MACKILL — DATE: 1 MAY 64
SCALE: FULL & DOUBLE
DWG. NUMBER: 2028.01-D56
REV: A

DIETZGEN-POST CLEARPRINT 10000