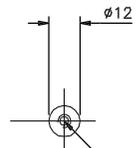
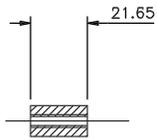
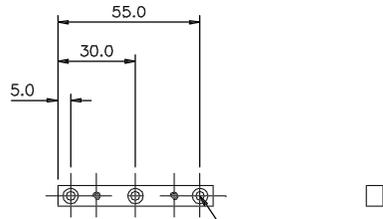


Drawing No.  
W/BL/256-61



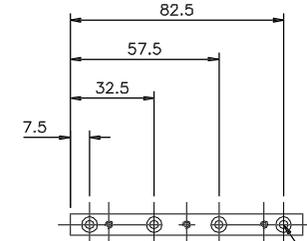
TAP M5 THRU.

256	TITLE	DISC REF.
SPACER		
MATERIAL	SCALE	TOLERANCES $\pm$
6082 AL.ALLOY	1:1	X X.X X.XX 0.1
FINISH	No. REQD. PER UNIT	
MATT BLK.ANODISE	4 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/256	



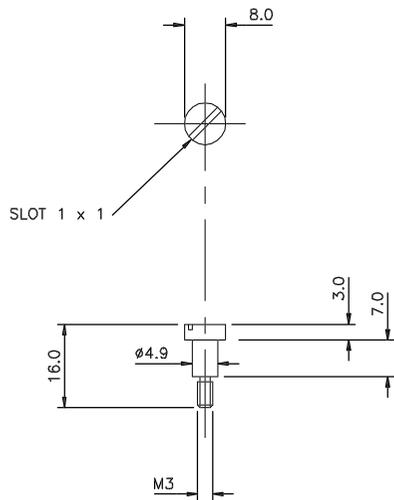
3 HOLES  $\phi 3.4$   
C/BORE  $\phi 6.0$  x 3.5 DEEP

257	TITLE	DISC REF.
MODS. TO BACKING PLATE		
MATERIAL	SCALE	TOLERANCES $\pm$
HEPCO MBP/60/12	1:1	X X.X X.XX 0.1
FINISH	No. REQD. PER UNIT	
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/257	



3 HOLES  $\phi 3.4$   
C/BORE  $\phi 6.0$  x 3.5 DEEP

258	TITLE	DISC REF.
MODS. TO BACKING PLATE		
MATERIAL	SCALE	TOLERANCES $\pm$
HEPCO MBP/90/12	1:1	X X.X X.XX 0.1
FINISH	No. REQD. PER UNIT	
CLEAN	2 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/258	



SLOT 1 x 1

259	TITLE	DISC REF.
SHOULDER SCREW		
MATERIAL	SCALE	TOLERANCES $\pm$
ST.STL	2:1	X X.X X.XX 0.1
FINISH	No. REQD. PER UNIT	
CLEAN	1 OFF	
G.A. No.	DRAWING No.	
V/BL/200	W/BL/259	

	TITLE	DISC REF.
MATERIAL	SCALE	TOLERANCES $\pm$
		X X.X X.XX
FINISH	No. REQD. PER UNIT	
G.A. No.	DRAWING No.	

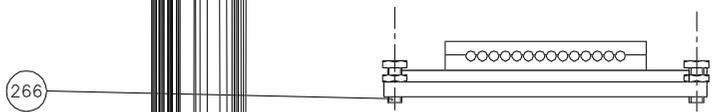
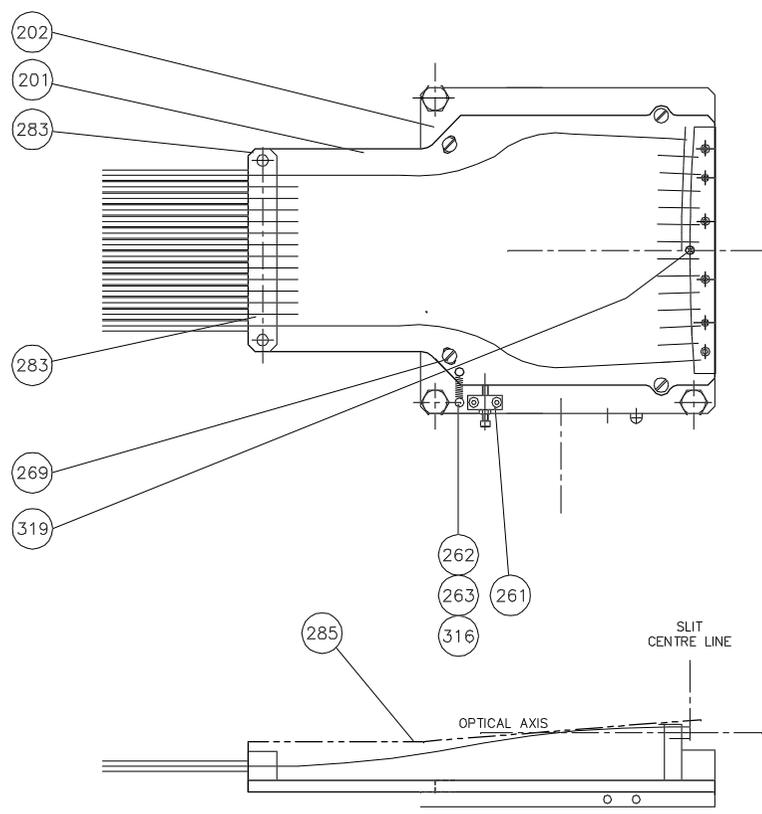
				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-				ROYAL GREENWICH OBSERVATORY				Title		Drawing No.	
				X.X +/-		Finish		MADINGLEY ROAD				4.2m WYFFOS - SLIT UNIT		W/BL/256-61	
				X.XX +/-		Drg.No. No.Req.		CAMBRIDGE				DETAILS			
				ANG. +/-		Used on		CB3 0EZ							
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								
				1		DEC,91	AJW								

Drawing No.  
W/BL/200a

REMOVE ALL BURRS AND SHARP EDGES

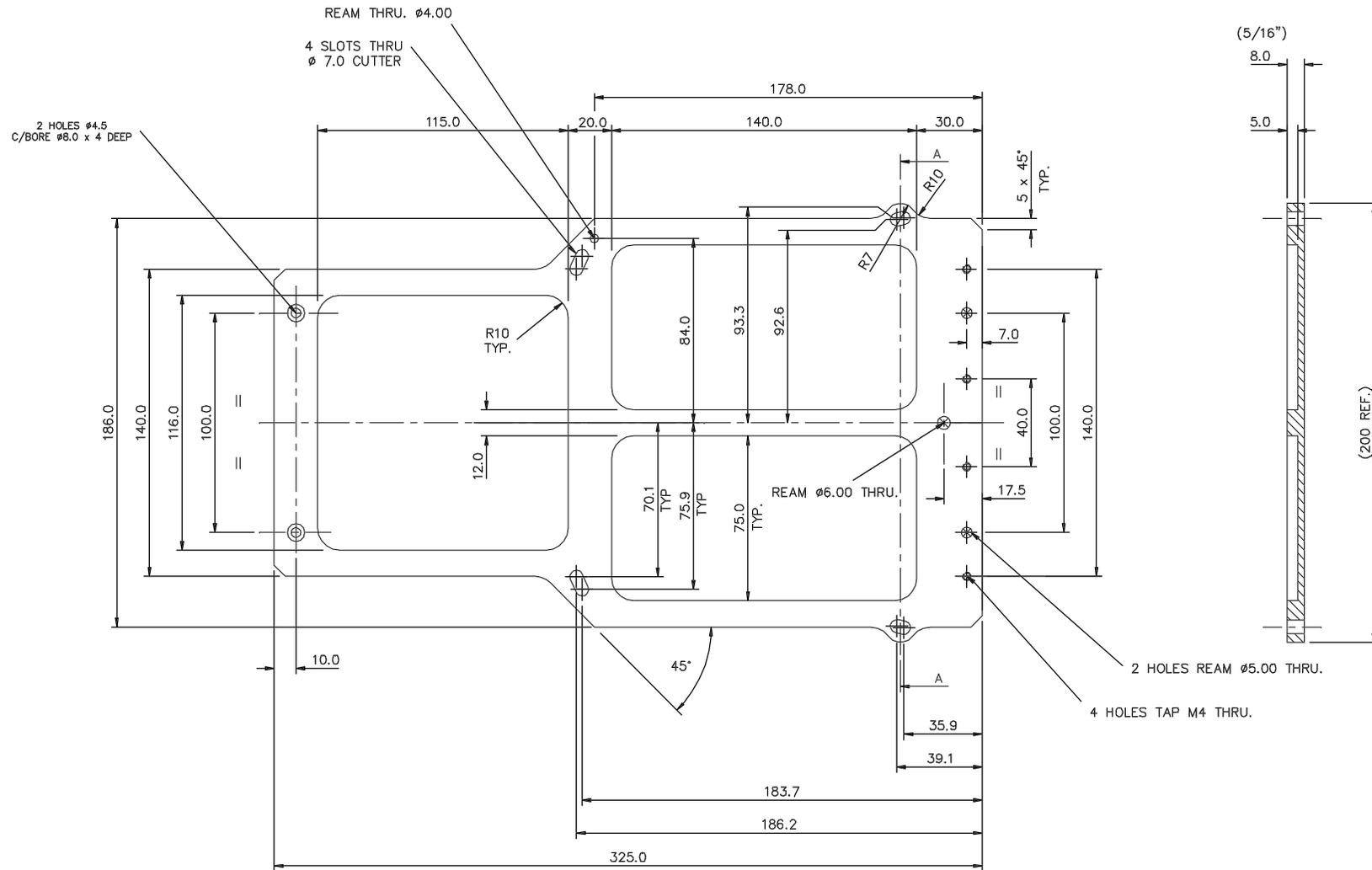
REF	QTY	DR / No. / Rev	No. OFF	MATERIAL STOCK OR ORDER No. DATE	AND REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
	1							
	1	201	1	CAST AL. TOOLING PLATE				
	1	202	1					
W/BL/200a	1	201			FACET PLATE ENHANCEMENT			
W/BL/256								
/ / 257								
/ / 258								
/ / 259								
/ / 260								
/ / 261					261 ADJUSTER BLOCK			
W/BL/262					262 SPRING POST			
/ / 263					263 SPRING POST			
/ / 264								
/ / 265								
/ / 266					266 ADJUSTING SCREW with locking nut			
/ / 267								
W/BL/268								
/ / 269					269 SHOULDER SCREW			
					316 SPRING - TENSION	6.000		
					317 DOWEL - Ø4 x 15 LONG	1		
					318 DOWEL - Ø6 x 30 LONG	1		
					319 DOWEL - Ø6 x 15 LONG	1		

NB item 285 is the fibre cover which is made to measure.



				Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		GA No. V/BL/200	
				X +/-				1 OFF				ISSAC NEWTON GROUP OF TELESCOPES		Drawing No.	
				XX +/-		Finish		Drg.No. No.Req.				SANTA CRUZ DE LA PALMA		W/BL/200a	
				XXX +/-				Used on				CANARY ISLANDS SPAIN			
				ANG. +/-								Title			
												4.2m WYFFOS - SLIT UNIT			
												FACET PLATE GENERAL ASSY			
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by								

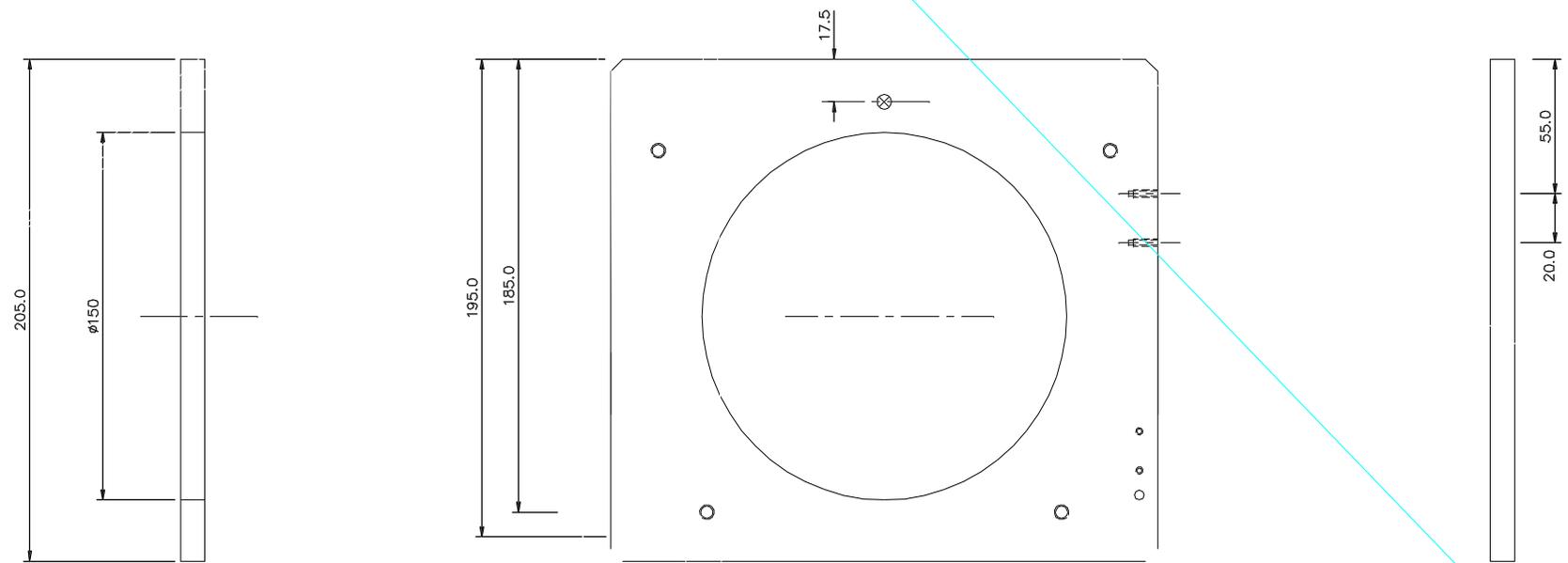
REMOVE ALL BURRS AND SHARP EDGES



		2		DEC.92	AJW	Tolerance (Unless otherwise stated) X +/- XX +/- 0,1 XXX +/- 0,01 ANG +/-	Material AL ALLOY TOOLING PLATE Finish MATT BLK, ANODISE	1 OFF		Dimns. in m.m. Scale 1:1 ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ	THIRD ANGLE PROJECTION Title 4.2m WYFFOS - SLIT UNIT FACET PLATE	GA No. V/BL/200 Drawing No. W/BL/201
		1		OCT.92	AJW			Drg.No.	No.Req.			
Issue	Mod.No	Date	Drawn by	Issue	Mod.No			Date	Drawn by			

Drawing No.  
W/BL/202

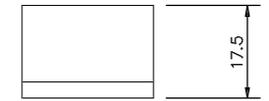
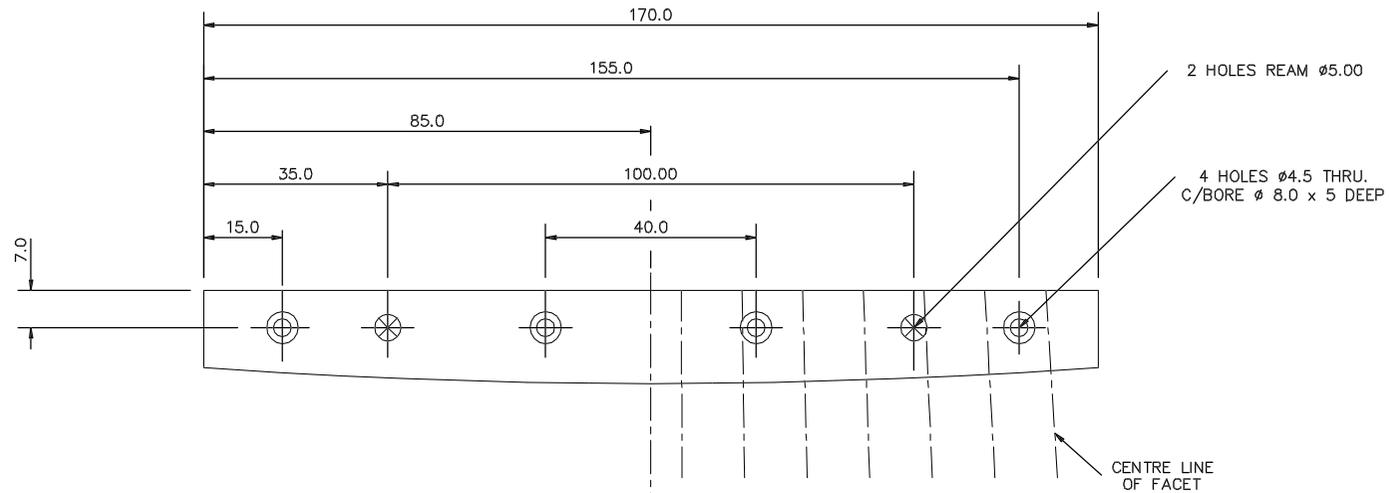
REMOVE ALL E1



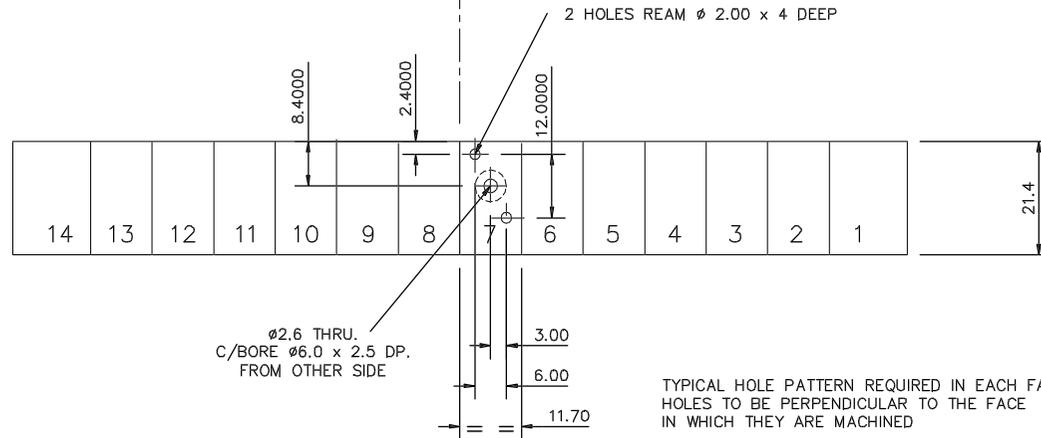
								Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No.	
								X	+/-							ROYAL GREENWICH OBSERVATORY		Title	
								X.X	+/-	Finish		Drg.No.		No.Req.		MADINGLEY ROAD		4.2m WYFFOS - SLIT UNIT	
								X.XX	+/-			Used on		CAMBRIDGE		CB3 0EZ		FIBRE BASE PLATE	
Issue	Mod.No	Date	Drawn by	Issue	Mod.No	Date	Drawn by	AWG	+/-									Drawing No.	
				1		OCT.92	AJW											W/BL/202	

Drawing No.

A3/BL/125



ALL ANGLES MEASURED FROM THE CENTRE LINE BLOCK TO BE SYMMETRICAL ABOUT CENTRE LINE



TOLERANCES

- X.X ± 0.1
- X.XX ± 0.01
- X.XXX ± 0.005
- ANG. ± 0.1°

1190 RADIUS OF CURVATURE OF SLIT ARRANGEMENT

INDIVIDUAL FACET ANGLES

$$\text{TAN ANGLE} = \frac{11.7}{1190}$$

$$\text{ANGLE} = 0.5633^\circ (0^\circ 33' 48'')$$

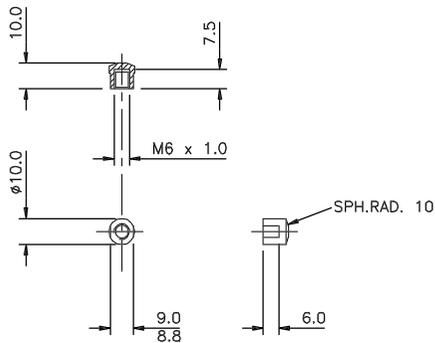
INCREMENTAL FROM ADJACENT FACET

TYPICAL HOLE PATTERN REQUIRED IN EACH FACE HOLES TO BE PERPENDICULAR TO THE FACE IN WHICH THEY ARE MACHINED

2	OCT.94	AJW	Tolerance (Unless otherwise stated)	Material		Dims in mm	Scale 1:1	THIRD ANGLE PROJECTION	GA.No.
1	MAR.92	AJW	X +/- X.X +/- X.XX +/- ANG. +/-	BRASS	1 OFF	ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ		Title WYFFOS SLIT - FACET BLOCK	Drawing No.
Issue	Date	Drawn by	SEE NOTE	Finish	Drg.No.	No.Req.			A3/BL/125
				1.6/ ALL OVER	Used on				



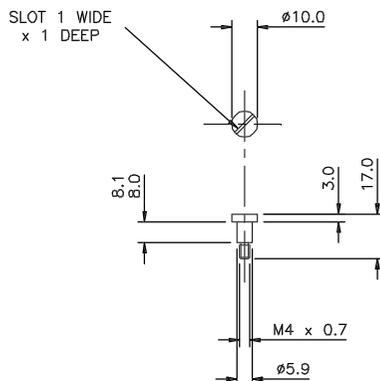
Drawing No.  
W/BL/268-



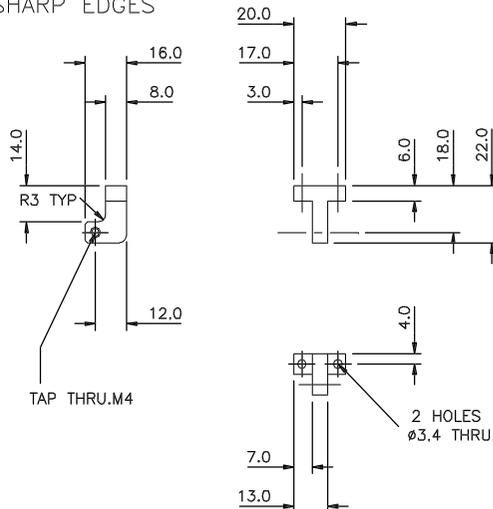
268		TITLE		DISC. REF.	
END CAP - PISTON					
MATERIAL	SCALE	TOLERANCES ±			
BRASS	1:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/268				

REMOVE ALL SHARP EDGES

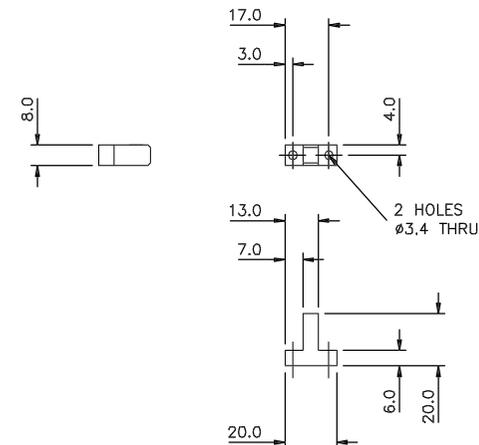
Only this item required for facet plate to integrate with existing slit mount.



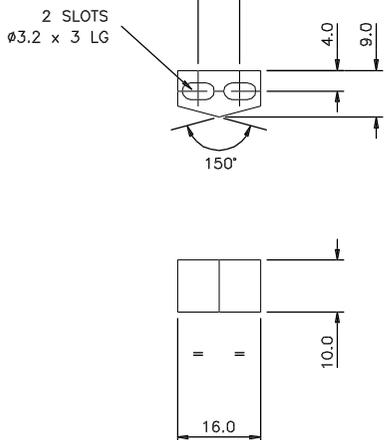
269		TITLE		DISC. REF.	
SHOULDER SCREW					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL	1:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	4 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/269				



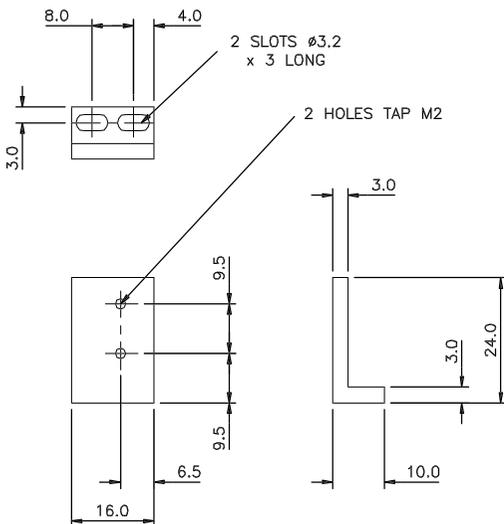
270		TITLE		DISC. REF.	
STOP BRACKET					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	1:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	2 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/270				



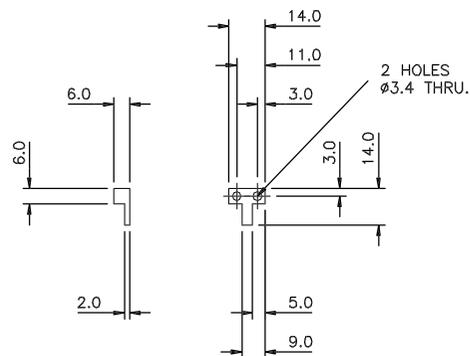
271		TITLE		DISC. REF.	
STOP BRACKET					
MATERIAL	SCALE	TOLERANCES ±			
ST.STL	1:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
CLEAN	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/271				



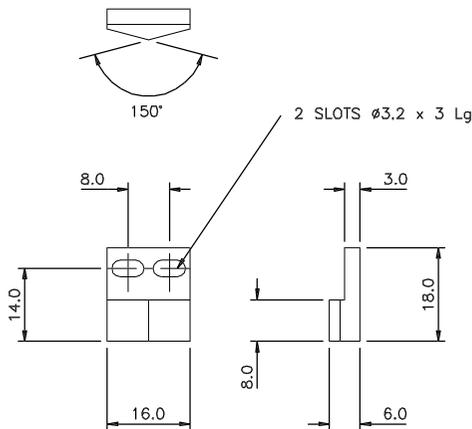
272		TITLE		DISC. REF.	
FLAG MICRO SWITCH					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	2:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	2 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/272				



273		TITLE		DISC. REF.	
MICRO SWITCH BRACKET					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	2:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	2 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/273				



274		TITLE		DISC. REF.	
SWITCH FLAG					
MATERIAL	SCALE	TOLERANCES ±			
MILD STEEL	1:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
BLK.NICKEL PL.	1 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/274				



275		TITLE		DISC. REF.	
FLAG MICRO SWITCH					
MATERIAL	SCALE	TOLERANCES ±			
6082 AL.ALLOY	2:1	X 0.1			
FINISH	No. REQD. PER UNIT	X.X			
MATT BLK.ANODISE	2 OFF	X.XX			
G.A. No.	DRAWING No.				
V/BL/200	W/BL/275				

Tolerance (Unless otherwise stated)		Material		Dimns. in m.m.		Scale		THIRD ANGLE PROJECTION		GA No. V/BL/200	
X +/-		Finish		Drg.No. No.Reg.		Title		4.2m WYFFOS - SLIT UNIT		Drawing No.	
X.X +/-		ROYAL GREENWICH OBSERVATORY		Used on		MADINGLEY ROAD		DETAILS		W/BL/268-	
X.XX +/-		CAMBRIDGE CB3 0EZ									
ANG. +/-											