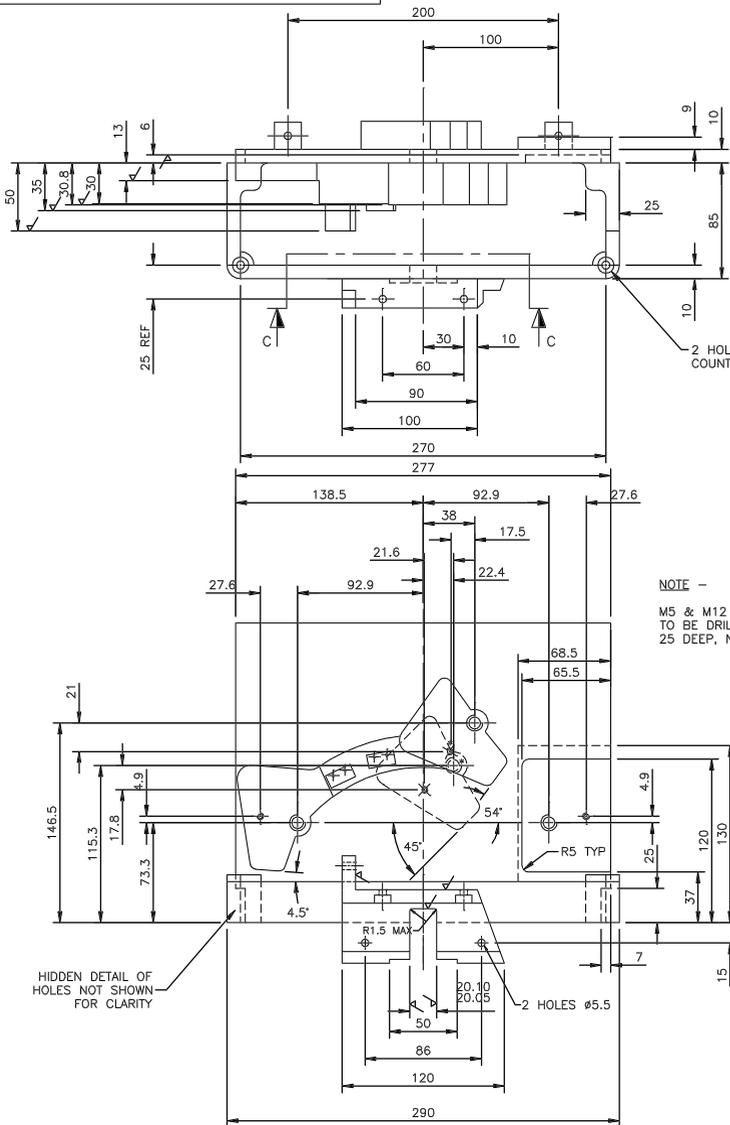


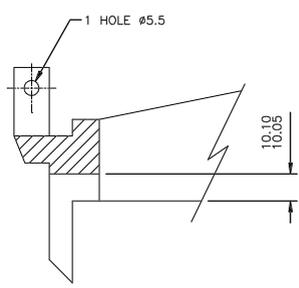
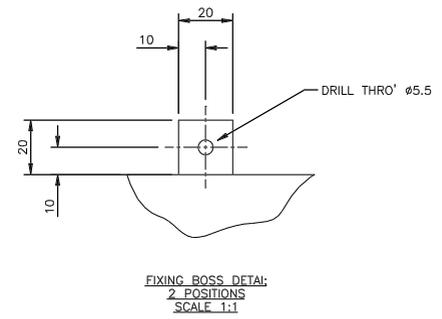
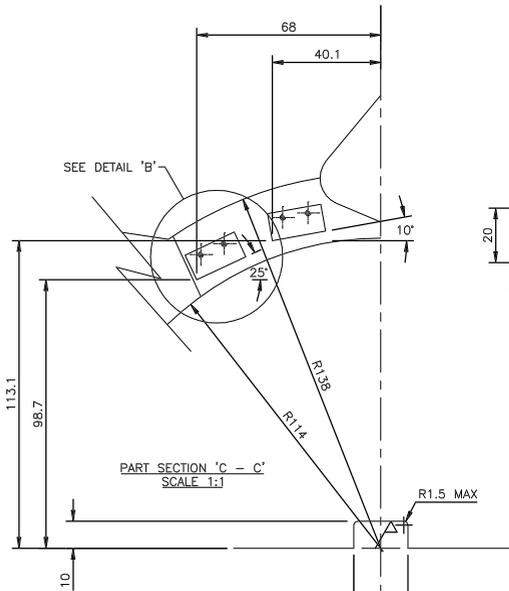
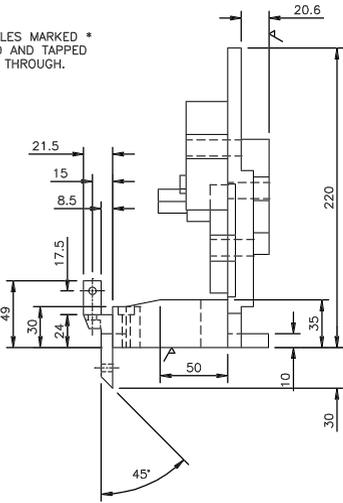
**PRELIMINARY**  
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SUBJECT TO CHANGE  
14.10.97  
PRELIMINARY ISSUE: 1  
DO NOT USE THIS DRAWING FOR  
PROCUREMENT OR MANUFACTURE.

							UNLESS OTHERWISE STATED	MATERIAL STAINLESS STEEL BS 970 304 S11	 <b>ROYAL GREENWICH OBSERVATORY</b> MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM			
							DIMENSIONS ARE IN mm	FINISH ?	TITLE SHIM (SMALL PAD) CASTING SUB-ASSEMBLY			
							GENERAL TOLERANCE: $\pm ?$	USED ON B0101	ORIGINAL SHEET A4	LOCATION N/A	DWG. No. B0193	REV 1
							ANGULAR TOLERANCE: $\pm ?$					
							SURFACE FINISH: (MICRONS) $\checkmark$					
							REMOVE ALL SHARP EDGES					
1	PRELIMINARY ISSUE	R.M.T	N/A	N/A	N/A	14.10.97						
REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE						
ISSUE DESCRIPTION							DO NOT SCALE THIS DRAWING	ORIGINAL SCALE 2:1	SHEET 1 OF 1			

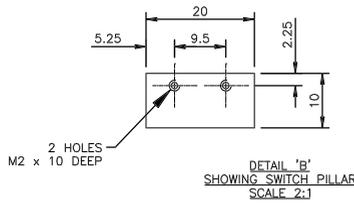
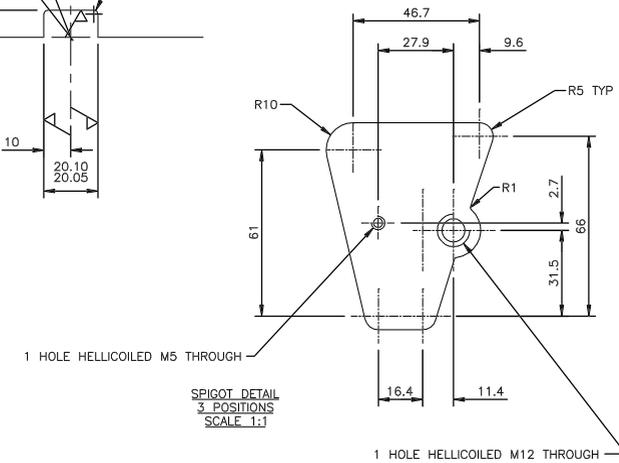


NOTE  
ALL THREADS TO BE HELICOILED.

NOTE -  
M5 & M12 HOLES MARKED \*  
TO BE DRILLED AND TAPPED  
25 DEEP, NOT THROUGH.



PART SECTION  
ON CENTERLINE  
SCALE 1:1



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SUBJECT TO CHANGE  
18/03/98  
PRELIMINARY ISSUE: 6  
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PROCUREMENT OR MANUFACTURE.

REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1	PRELIMINARY ISSUE	R.M.T	N/A	N/A	N/A	23.10.97
ISSUE DESCRIPTION						

UNLESS OTHERWISE STATED

DIMENSIONS ARE IN mm

GENERAL TOLERANCE:  $\pm 0.1$

ANGULAR TOLERANCE:  $\pm$

SURFACE FINISH: 1.6/ $\sqrt$ (MICRONS)

REMOVE ALL SHARP EDGES

DO NOT SCALE THIS DRAWING

MATERIAL  
ALUMINIUM ALLOY  
BS 1470 6082 TF

FINISH  
AS CAST

USED ON  
B0101

**Royal Greenwich Observatory**  
MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM

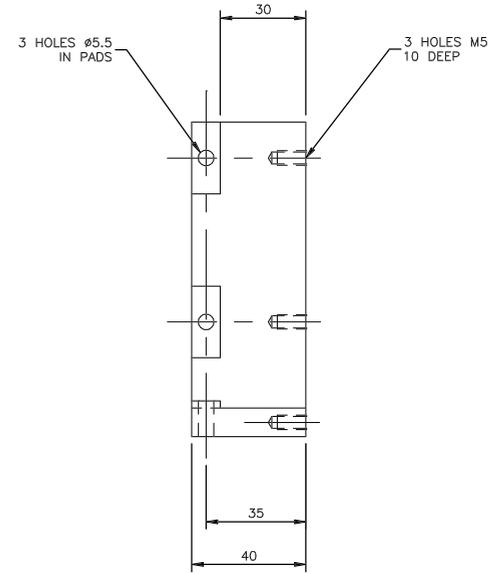
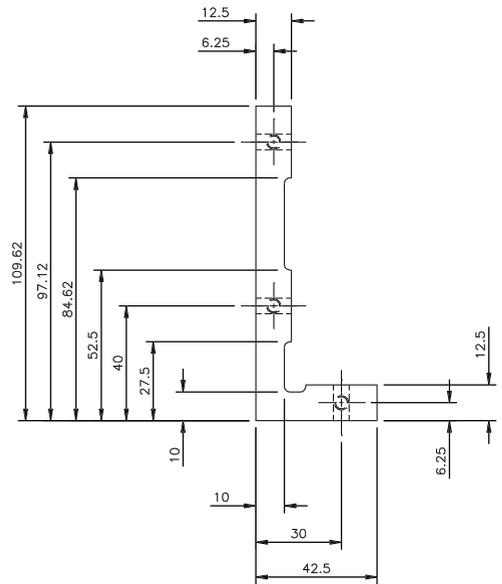
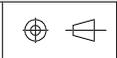
**PPARC**

TITLE  
MAIN CASTING (TOP)  
CASTING SUB-ASSEMBLY

ORIGINAL SHEET A1	LOCATION N/A	DWG. No. B0114	REV 1
ORIGINAL SCALE 1:2	SHEET 1 OF 1		

DWG. No. B0115

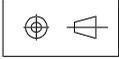
DRAWING NOT REGISTERED ON DOCUMENT MANAGEMENT SYSTEM



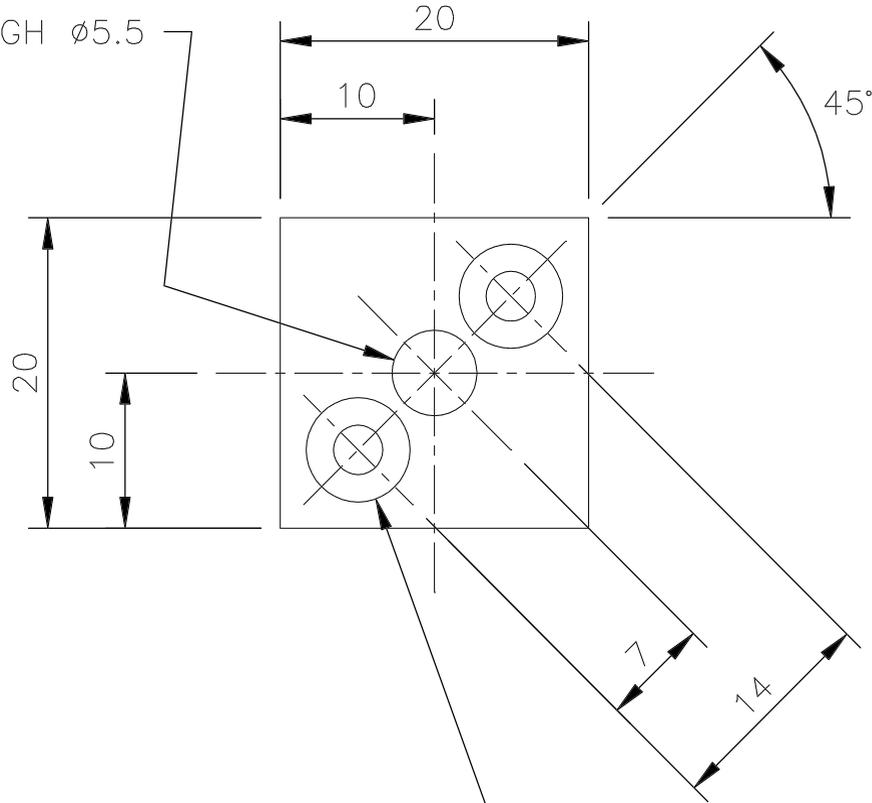
NOTE ALL BLEND RADII 2.0 MAX

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 SUBJECT TO CHANGE  
 26/05/98  
 PRELIMINARY ISSUE: 1  
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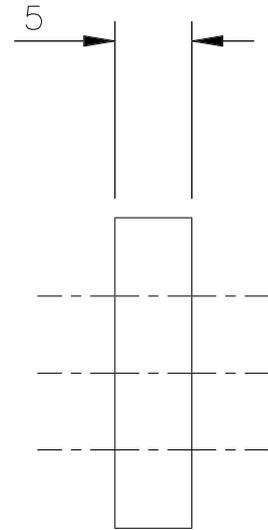
							UNLESS OTHERWISE STATED	MATERIAL	 <b>ROYAL GREENWICH OBSERVATORY</b> MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM 			
							DIMENSIONS ARE IN mm	ALUMINIUM ALLOY	TITLE			
							GENERAL TOLERANCE: ± 0.1	BS 1470 6082 TF	PUPIL IMAGER LOCATION			
							ANGULAR TOLERANCE: ±	FINISH	CASTING SUB-ASSEMBLY			
							SURFACE FINISH: 1.6/√ (MICRONS)	NATURAL				
							REMOVE ALL SHARP EDGES	USED ON	ORIGINAL SHEET	LOCATION	DWG. No.	REV
1	PRELIMINARY ISSUE	PDJ	N/A	N/A	N/A	26/05/98		B0113	A3	N/A	B0115	1
REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE	DO NOT SCALE THIS DRAWING		ORIGINAL SCALE	1:2		SHEET 1 OF 1



1 HOLE DRILL THROUGH  $\phi 5.5$



2 HOLES DRILL THROUGH  $\phi 3.2$   
COUNTERSINK  $\phi 6.72 \times 90^\circ$



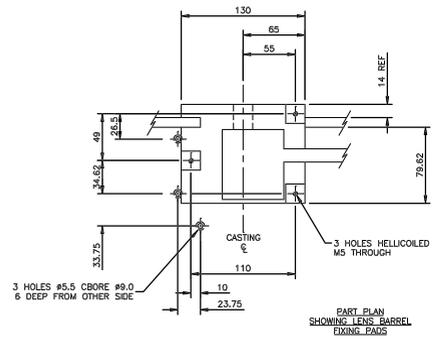
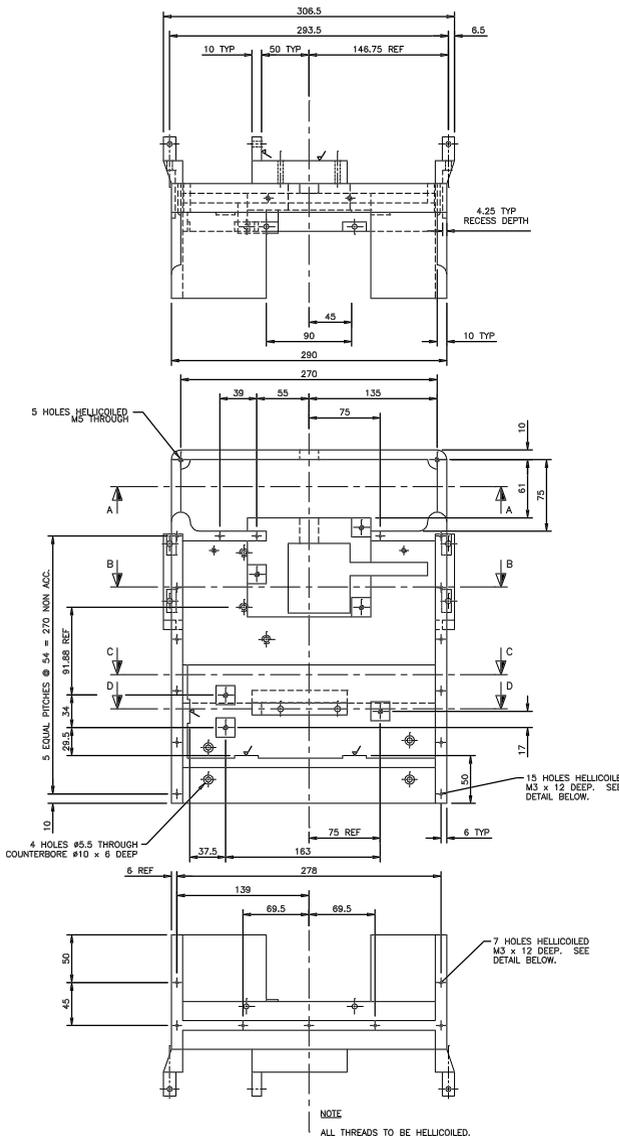
**PRELIMINARY**  
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SUBJECT TO CHANGE  
14.10.97  
PRELIMINARY ISSUE: 1  
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PROCUREMENT OR MANUFACTURE.

REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1	PRELIMINARY ISSUE	R.M.T	N/A	N/A	N/A	14.10.97
ISSUE DESCRIPTION						

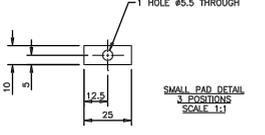
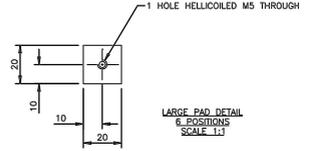
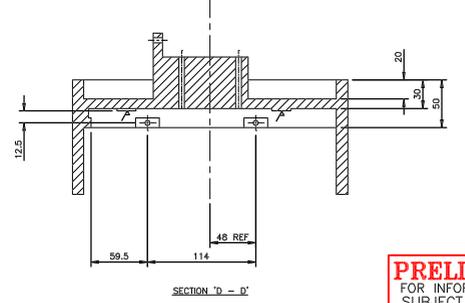
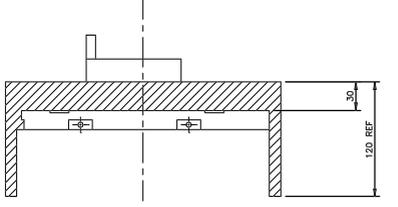
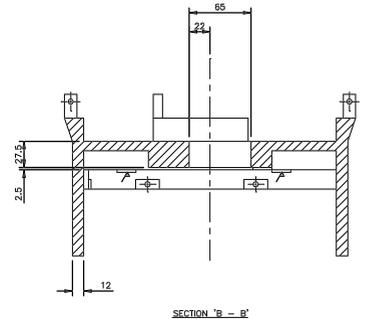
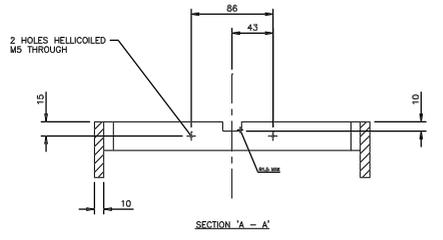
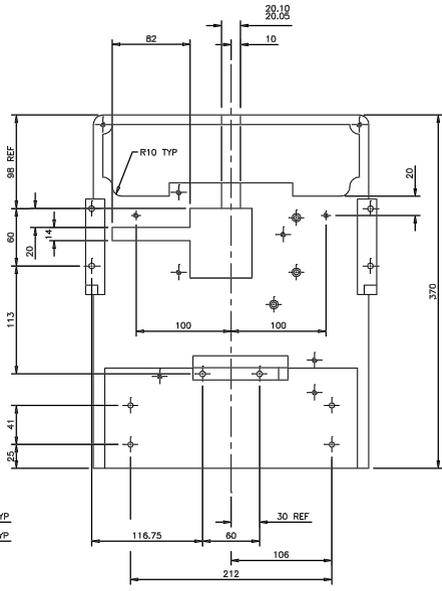
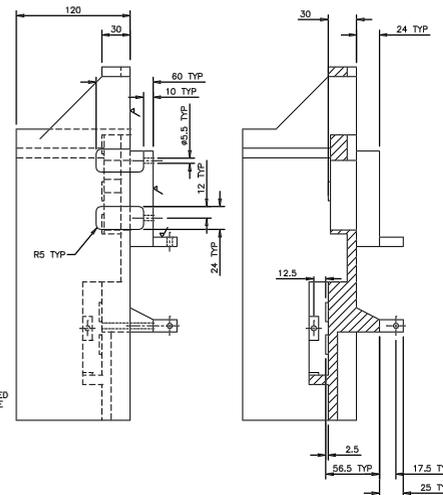
UNLESS OTHERWISE STATED  
 DIMENSIONS ARE IN mm  
 GENERAL TOLERANCE:  $\pm ?$   
 ANGULAR TOLERANCE:  $\pm ?$   
 SURFACE FINISH:  $?$  /  
 (MICRONS) ✓  
 REMOVE ALL SHARP EDGES  
 DO NOT SCALE THIS DRAWING

MATERIAL  
 STAINLESS STEEL  
 BS 970 304 S11  
 FINISH  
 ?  
 USED ON  
 B0101

		<b>ROYAL GREENWICH OBSERVATORY</b> MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM			
TITLE SHIM (LARGE PAD) CASTING SUB-ASSEMBLY					
ORIGINAL SHEET A4	LOCATION N/A	DWG. No. B0192	REV 1		
ORIGINAL SCALE 2:1	SHEET 1 OF 1				

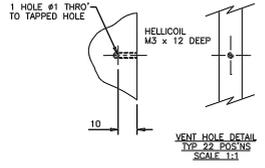


NOTE: MACHINING ALLOWANCE REQUIRED IN THESE AREAS



NOTE ALL THREADS TO BE HELICOILED.

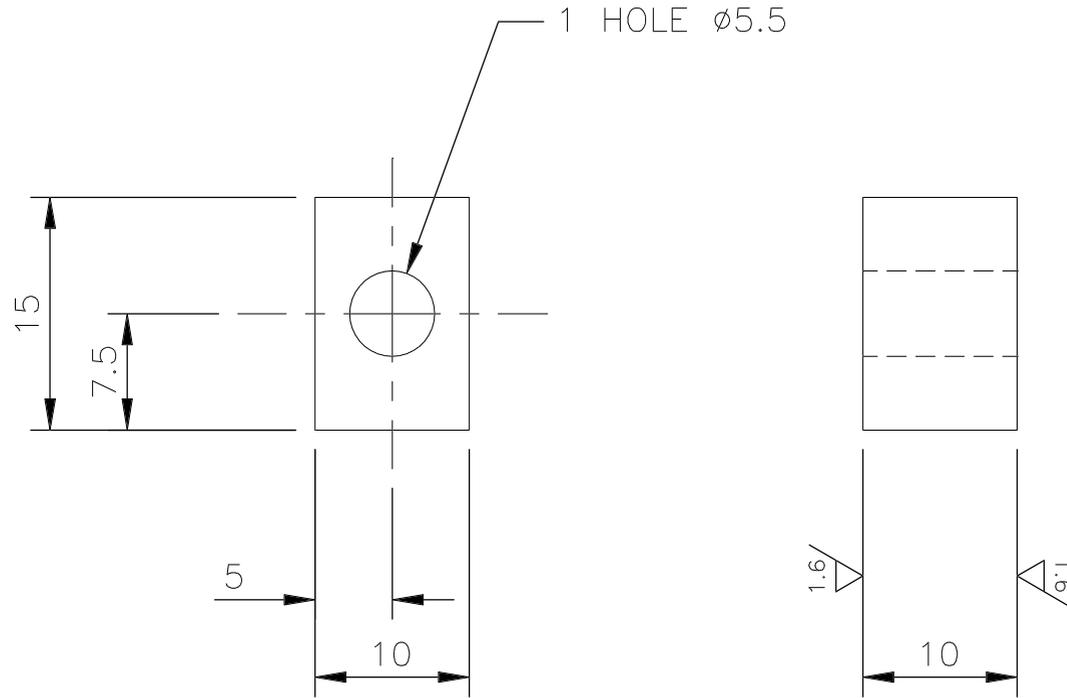
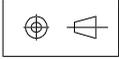
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 20/03/98  
 PRELIMINARY ISSUE: 7  
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REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE
1	PRELIMINARY ISSUE	R.M.T	N/A	N/A	N/A	09.10.97
ISSUE DESCRIPTION						

UNLESS OTHERWISE STATED  
 DIMENSIONS ARE IN mm  
 GENERAL TOLERANCE: ± 0.1  
 ANGULAR TOLERANCE: ±  
 SURFACE FINISH: 1.6/  
 (MICRONS)  
 REMOVE ALL SHARP EDGES  
 DO NOT SCALE THIS DRAWING

MATERIAL ALUMINIUM ALLOY BS 1470 6082 TF		ROYAL GREENWICH OBSERVATORY MADINGSLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM		PPARC	
FINISH AS CAST		TITLE CASTING BOTTOM CASTING SUB-ASSEMBLY			
USED ON B0101	ORIGINAL SHEET A0	LOCATION N/A	DWG. No. B0113	REV 1	SHEET 1 OF 1
ORIGINAL SCALE 1:2					



**PRELIMINARY**  
 FOR INFORMATION ONLY  
 SUBJECT TO CHANGE  
 22.10.97  
 PRELIMINARY ISSUE: 1  
 DO NOT USE THIS DRAWING FOR  
 PROCUREMENT OR MANUFACTURE.

							UNLESS OTHERWISE STATED	MATERIAL	 <b>ROYAL GREENWICH OBSERVATORY</b> MADINGLEY ROAD, CAMBRIDGE CB3 0EZ, UNITED KINGDOM 			
							DIMENSIONS ARE IN mm	?	TITLE			
							GENERAL TOLERANCE: ± ?	FINISH	SHIM (TRUSS)			
							ANGULAR TOLERANCE: ± ?	?	CASTING SUB-ASSEMBLY			
							SURFACE FINISH: ?/ (MICRONS)	USED ON	ORIGINAL SHEET	LOCATION	DWG. No.	REV
							REMOVE ALL SHARP EDGES	B0101	A4	N/A	B0194	1
1	PRELIMINARY ISSUE	R.M.T	N/A	N/A	N/A	22.10.97	DO NOT SCALE THIS DRAWING	ORIGINAL SCALE	2:1	SHEET 1 OF 1		
REV	DESCRIPTION	DRAWN BY	CHECKED	APPROVED	STATUS	DATE						