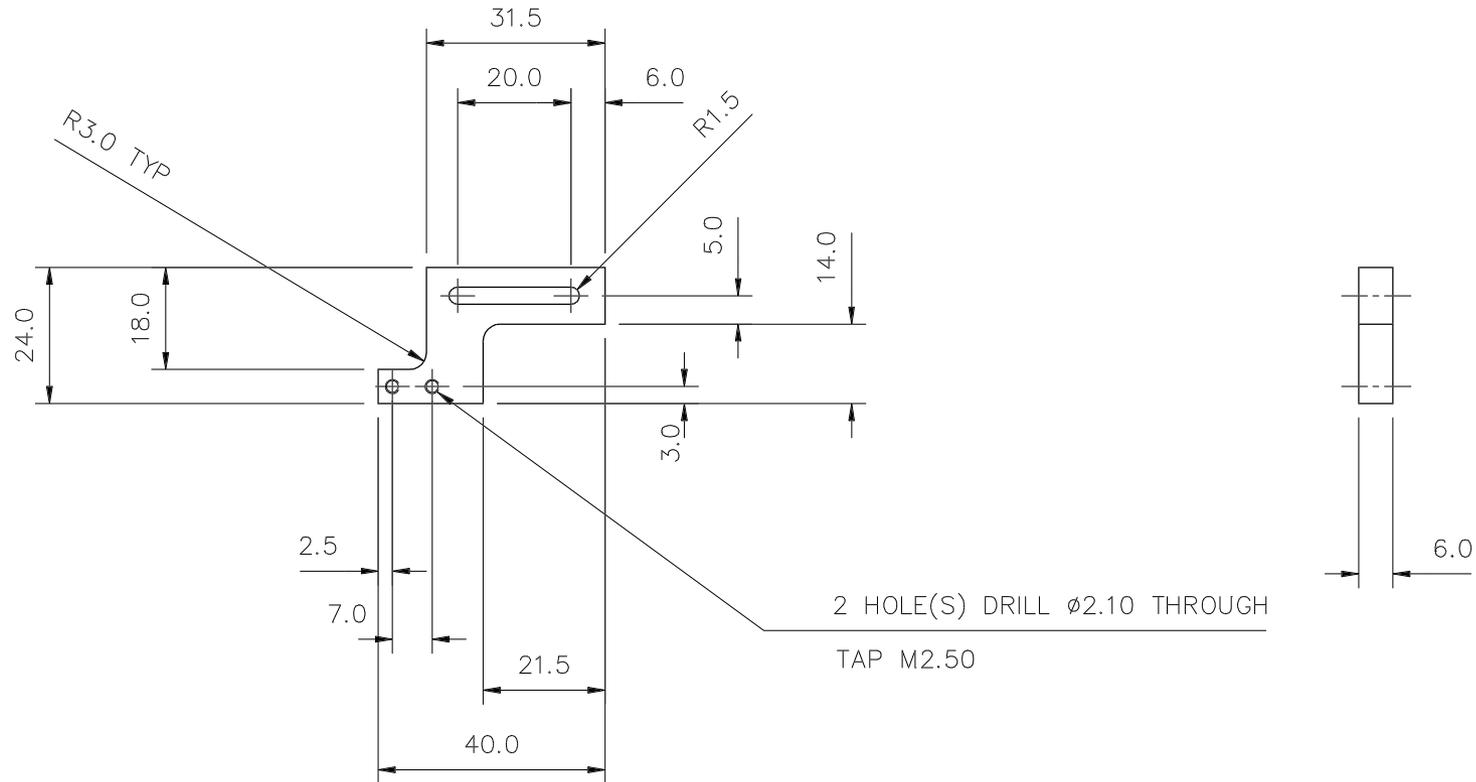
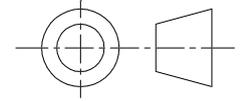


DO NOT SCALE

THIRD ANGLE PROJECTION

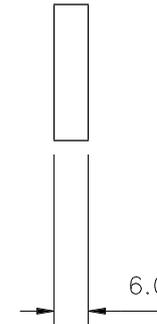
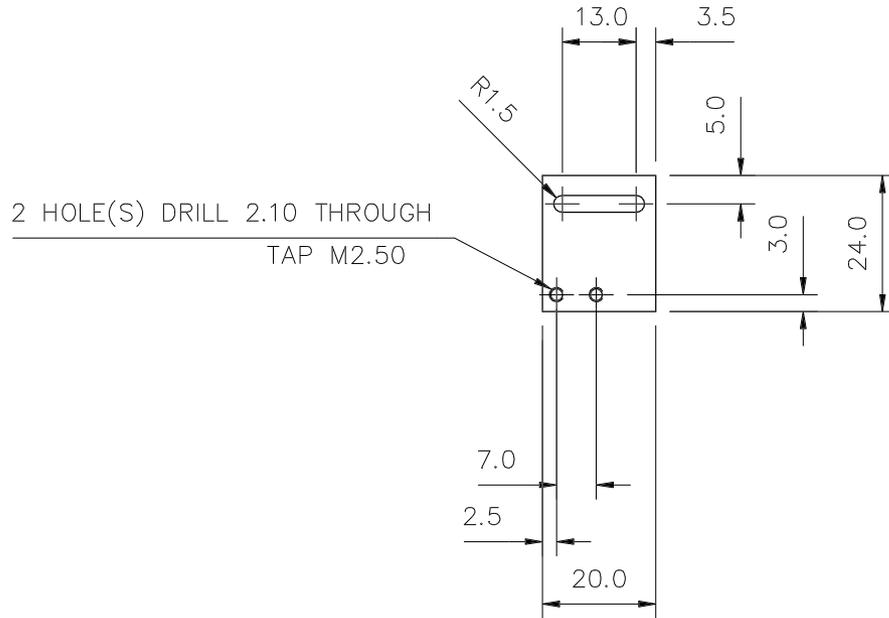
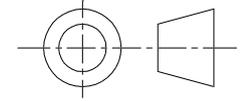


DRG. TITLE:		DETAIL OF OPTO SWITCH MOUNTING BLOCK	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	AJ/GD		DRAWING No. AF2\XDS-XX
DATE	10/04/91		REV. A

ISSUE	REVISION	DRN	DATE	ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	Material:
				IMPLIED TOLERANCES	AL ALLOY
				X (OVER 100) ±0.20	Quantity: 4 OFF
				X (UP TO 100) ±0.1	
				X.X ±0.10	
				X.XX ±0.05	

DO NOT SCALE

THIRD ANGLE PROJECTION

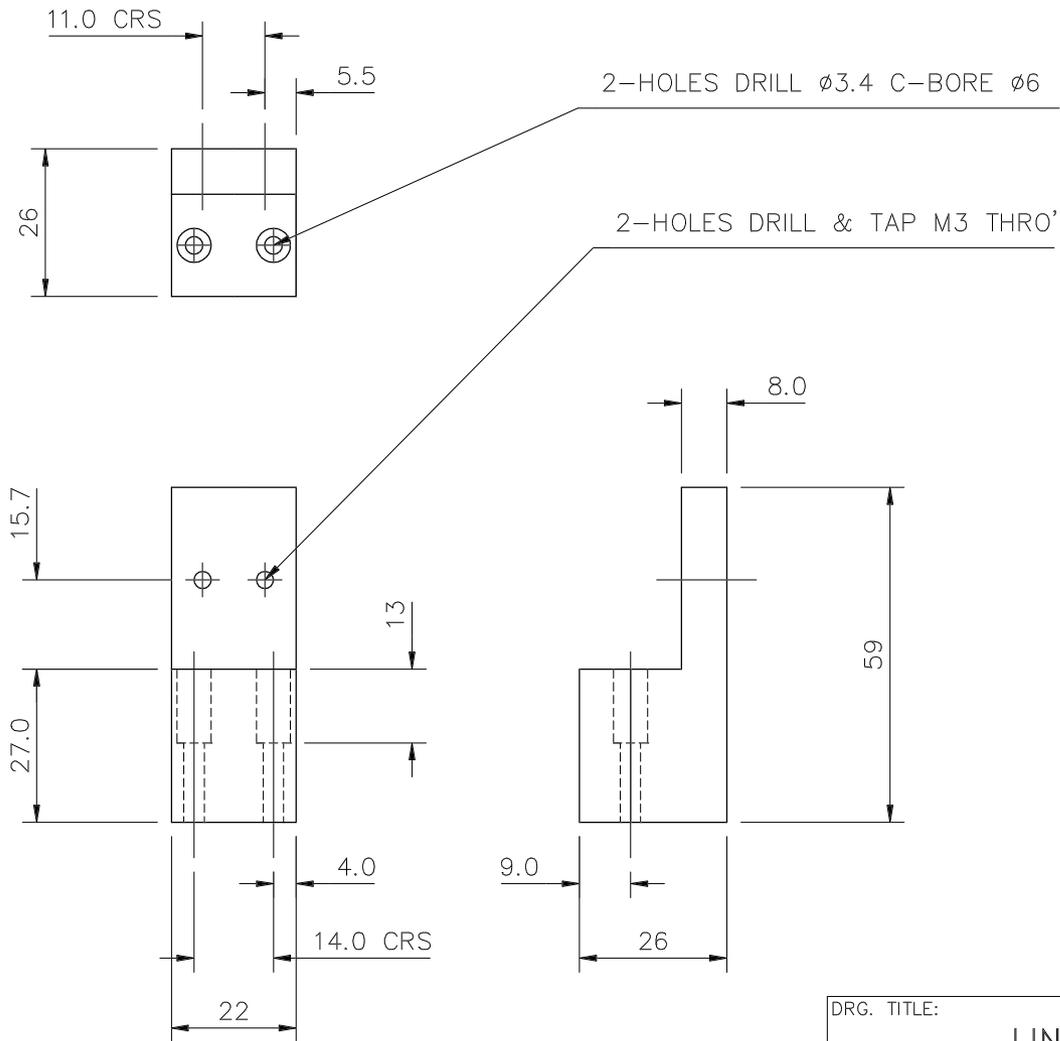
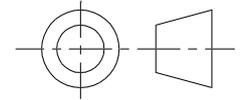


DRG. TITLE:		DETAIL OF OPTO SWITCH MOUNTING BRACKET	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	AJ/GD		
DATE	18/04/91	DRAWING No.	REV. A
		AF2\XDS-XXX	

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
X (OVER 100) ±0.20		AL ALLOY	
X (UP TO 100) ±0.1		Quantity: 1 OFF	
X.X ±0.10			
X.XX ±0.05			
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION

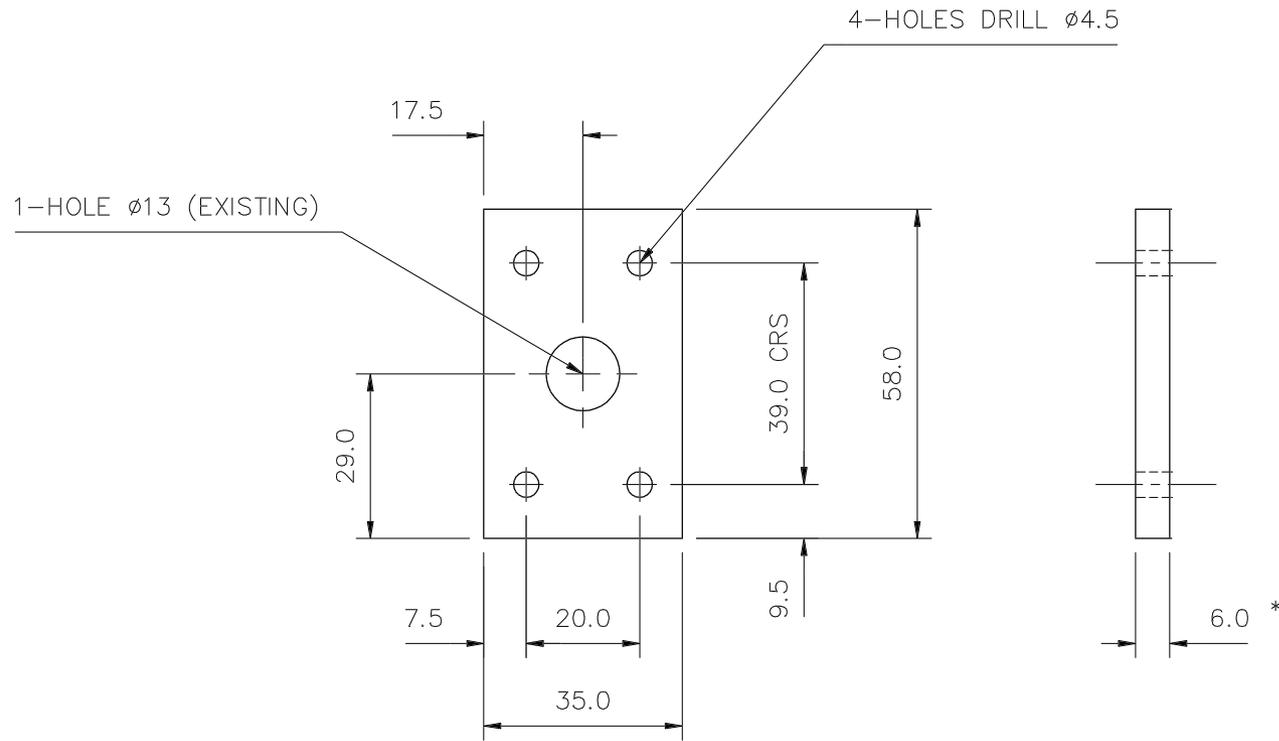


DRG. TITLE:		LINEAR TRANSDUCER SUPPORT	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	JW		
DATE	01/05/91	DRAWING No.	REV.
		AF2\XDS-03	A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
X (OVER 100) ±0.20		AL ALLOY	
X (UP TO 100) ±0.1		Quantity: 2 OFF	
X.X ±0.10			
X.XX ±0.05			
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION



* TO BE SURFACE GROUND ON ASSEMBLY TO SUIT BALLSCREW SUPPORT BLOCK

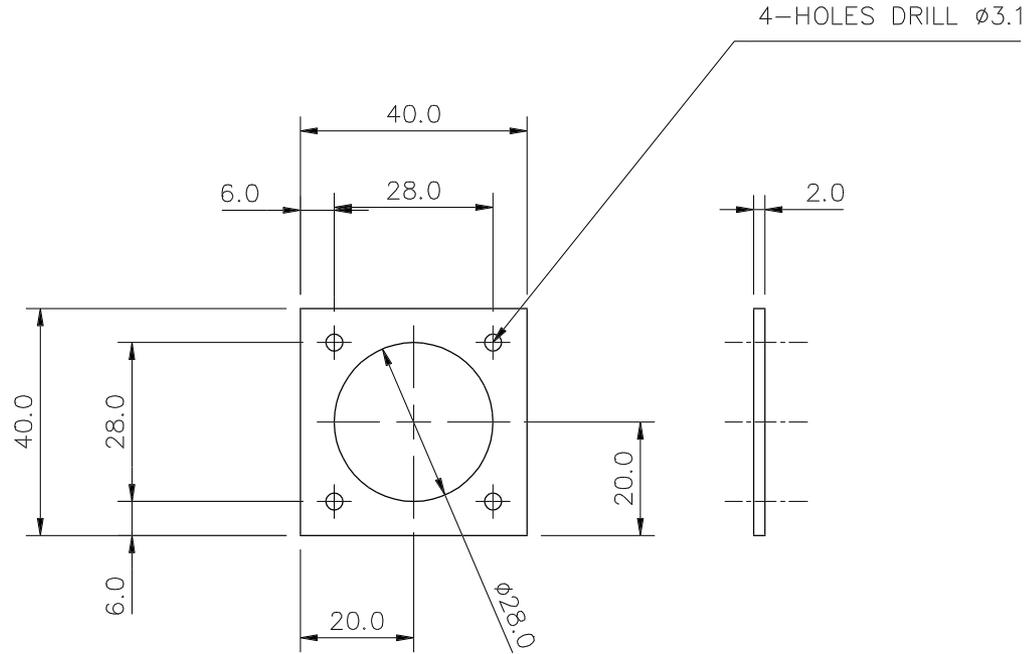
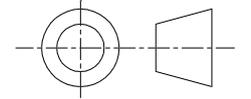
DRG. TITLE:		DETAIL OF SHIM	
SCALES:		1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE		30/10/91	DRAWING No.
		AF2\XDS-10	REV. A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) ±0.20			
X (UP TO 100) ±0.1			
X.X ±0.10			
X.XX ±0.05			
Material:		ST.STEEL	
Quantity:		1 OFF	
ISSUE	REVISION	DRN	DATE

DRG. SIZE
A3

DO NOT SCALE

THIRD ANGLE PROJECTION

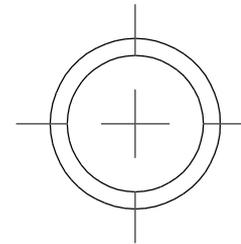
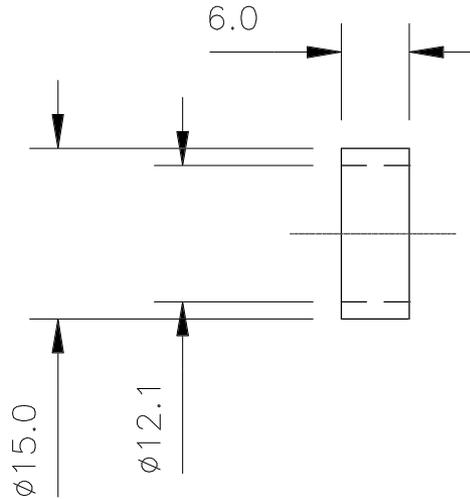
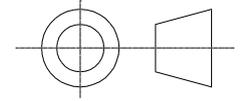


DRG. TITLE:		BEARING COVER PLATE	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	JW		
DATE	01/05/91	DRAWING No.	AF2\XDS-09
		REV.	B

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material: AL ALLOY Quantity: 1 OFF	
X (OVER 100) ±0.20			
X (UP TO 100) ±0.1			
X.X ±0.10			
X.XX ±0.05			
B	MATL. WAS ST STEEL	GD	20.10.91
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION

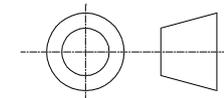


DRG. TITLE:		BEARING SPACER	
SCALES:	2:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE
DRAWN BY:	JW		A3
DATE	10/05/91	DRAWING No.	REV.
		AF2\XDS-08	A

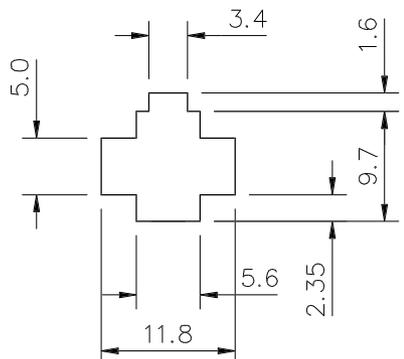
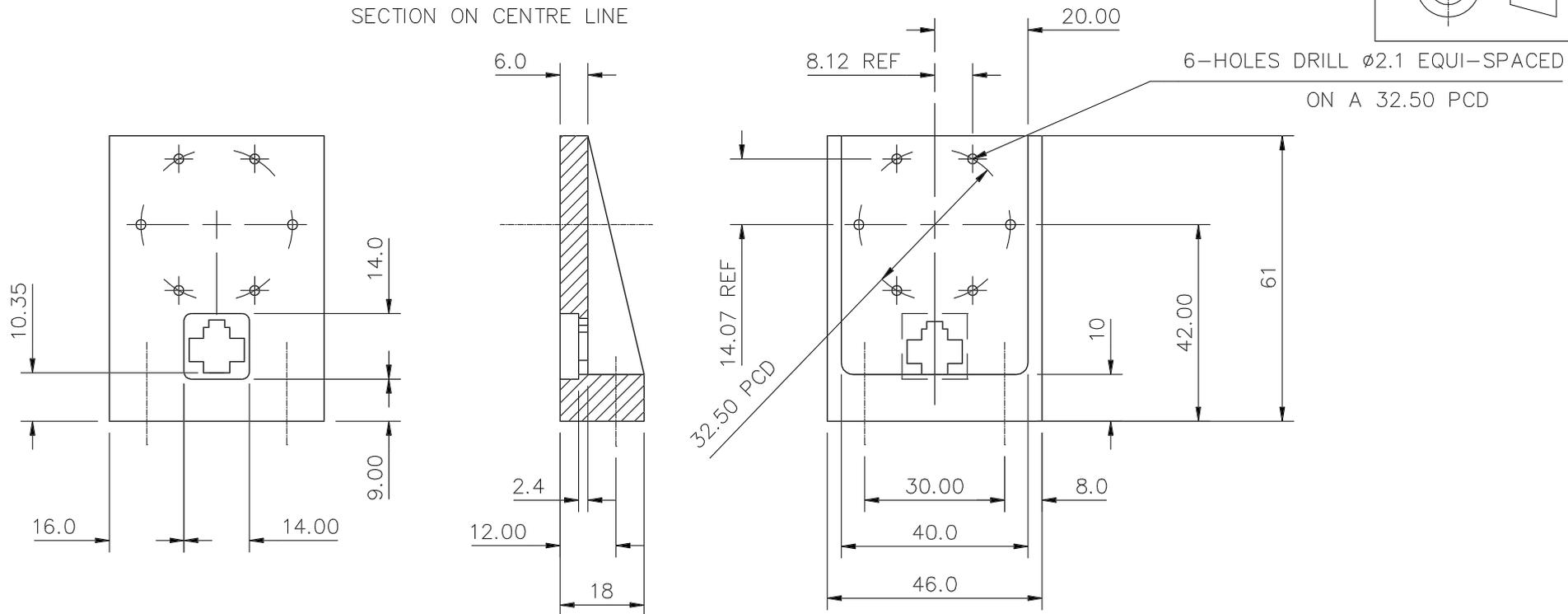
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
X (OVER 100) ±0.20		BRASS	
X (UP TO 100) ±0.1		Quantity: 1 OFF	
X.X ±0.10			
X.XX ±0.05			
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

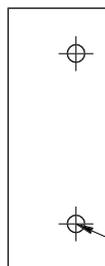
THIRD ANGLE PROJECTION



SECTION ON CENTRE LINE



DETAIL OF CUT-OUT
SCALE 2:1

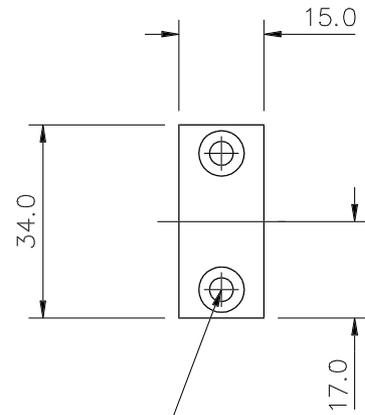
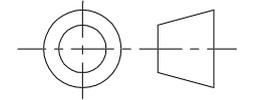


DRG. TITLE:		BRAKE SUPPORT BRACKET								
SCALES:		1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108							
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP							
DRAWN BY:		JW								
DATE:		10/05/91	DRAWING No. AF2\XDS-07							
ISSUE		REVISION	DRN	DATE	ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	IMPLIED TOLERANCES X (OVER 100) ± 0.20 X (UP TO 100) ± 0.1 X.X ± 0.10 X.XX ± 0.05	Material: AL ALLOY HE30	Quantity: 1 OFF	DRG. SIZE A3	REV. B

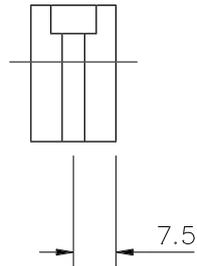
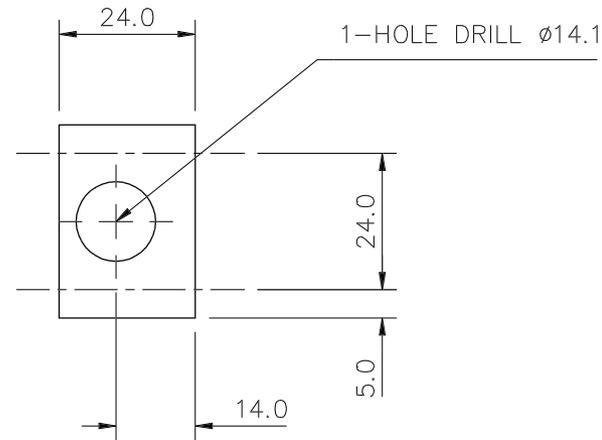
ISSUE	REVISION	DRN	DATE
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DO NOT SCALE

THIRD ANGLE PROJECTION



2-HOLES DRILL $\phi 4.2$ C-BORE
8 DIA X 5 DEEP

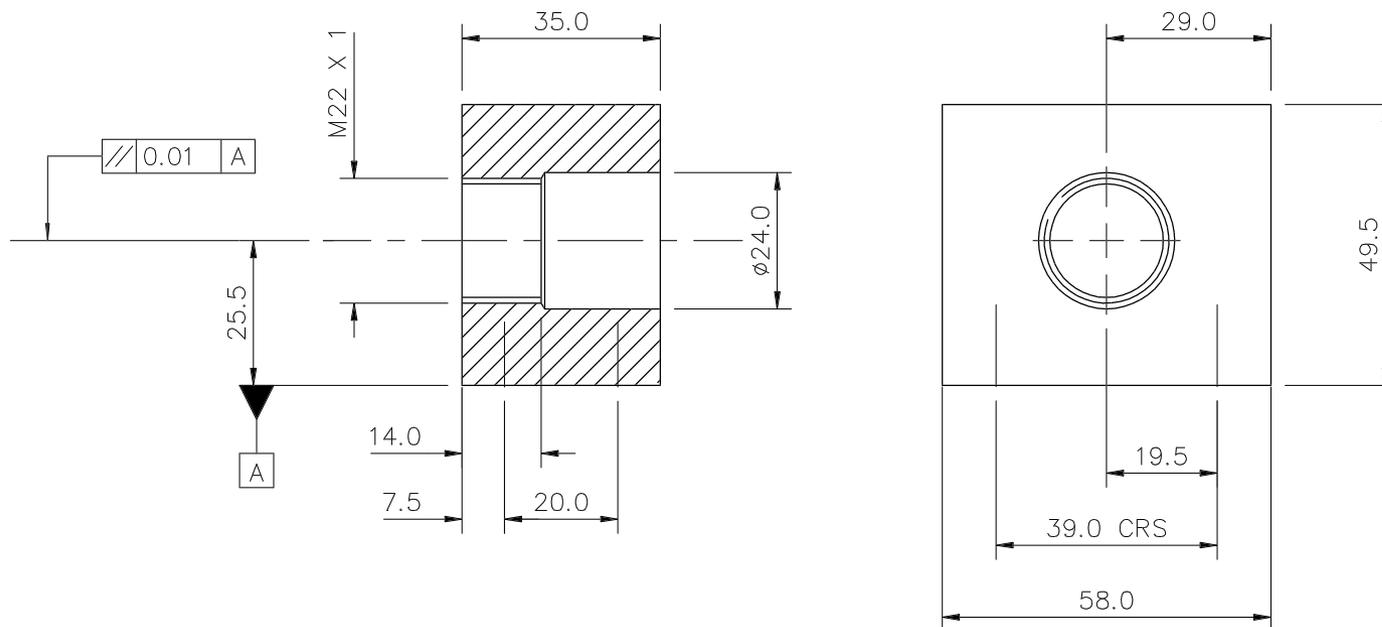


DRG. TITLE:		SHOCK ABSORBER MOUNTING BRACKET	
SCALES:		1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		JW	
DATE:		10/05/91	DRAWING No. AF2\XDS-06
REV.:		A	DRG. SIZE A3

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) ± 0.20			
X (UP TO 100) ± 0.1			
X.X ± 0.10			
X.XX ± 0.05			
ISSUE	REVISION	DRN	DATE
Material:		AL ALLOY	
Quantity:		2 OFF	

DO NOT SCALE

THIRD ANGLE PROJECTION



4-HOLES DRILL & TAP M4 X 12 DEEP

DRG. TITLE:		BALLSCREW SUPPORT BLOCK	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE A3
DRAWN BY:	JW		DRAWING No.
DATE	08/05/91	AF2\XDS-05	REV. B

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

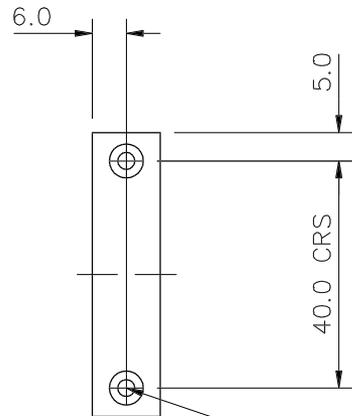
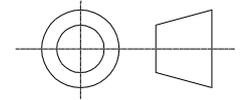
IMPLIED TOLERANCES
X (OVER 100) ±0.20
X (UP TO 100) ±0.1
X.X ±0.10
X.XX ±0.05

Material:
AL ALLOY
Quantity: 1 OFF

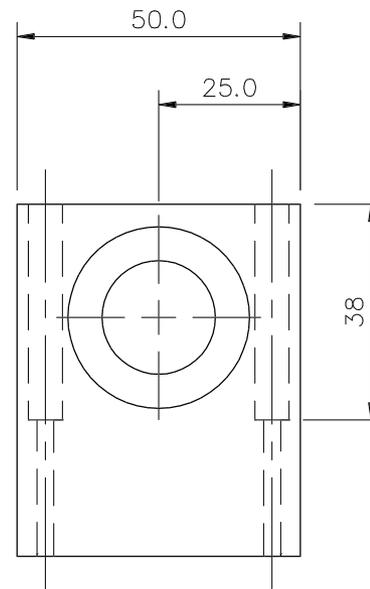
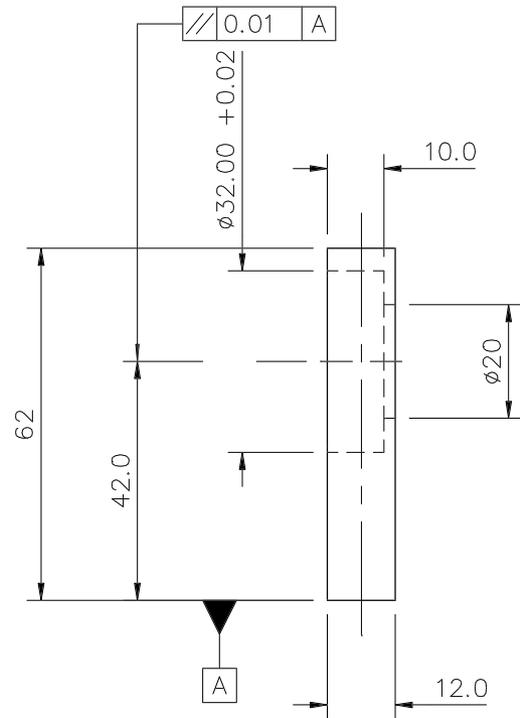
B	DIM 25.5 WAS 31, DIM 49.5 WAS 55	GD	30/10/91
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION



2-HOLES DRILL $\phi 3.4$ C-BORE $\phi 6$



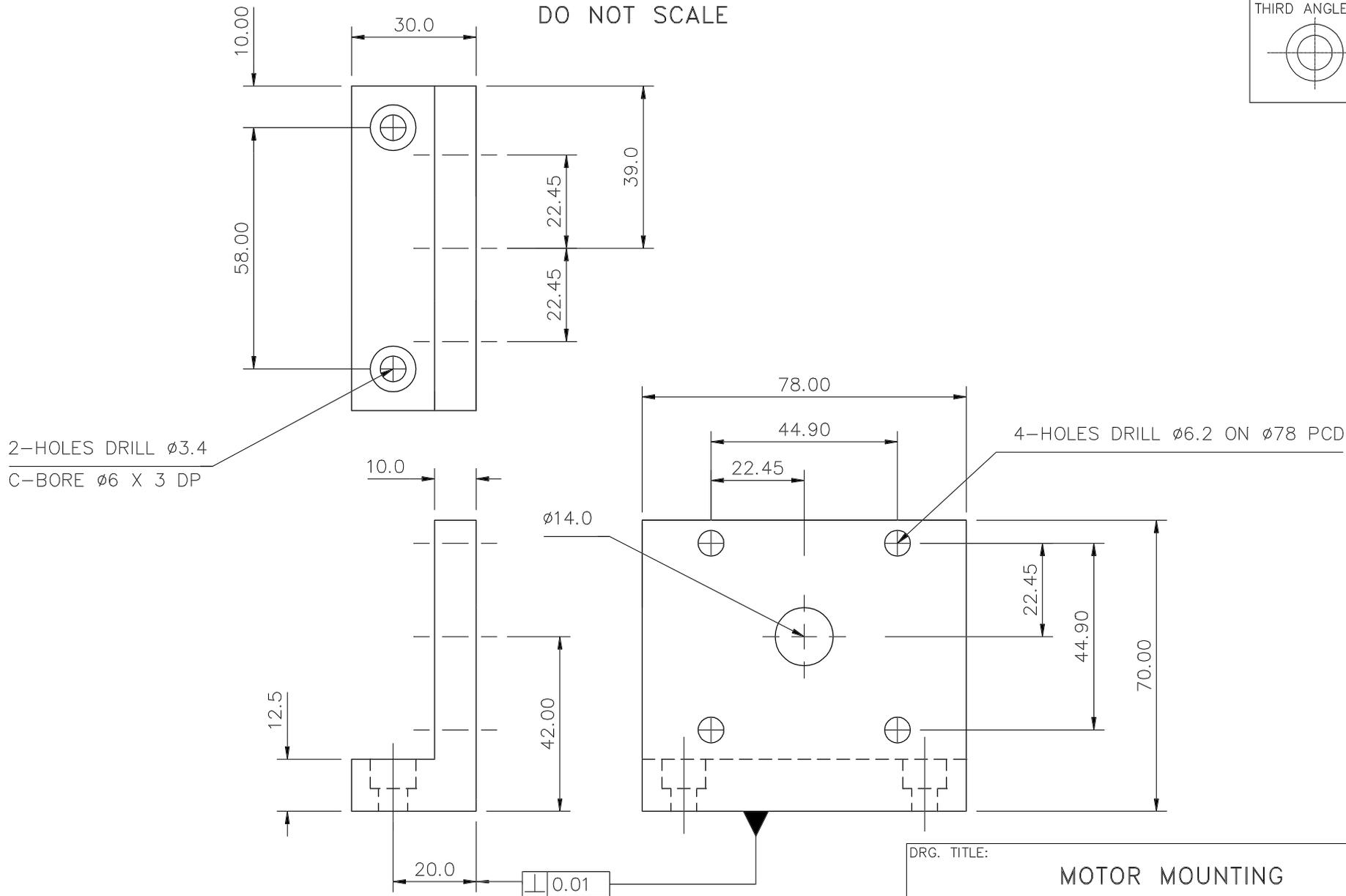
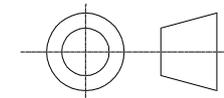
DRG. TITLE:		BEARING HOUSING	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	DRG. SIZE A3
DRAWN BY:	JW		
DATE:	03/05/91	DRAWING No.	AF2\XDS-04
			REV. B

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) ± 0.20			
X (UP TO 100) ± 0.1			
X.X ± 0.10			
X.XX ± 0.05			
B	32 DIA WAS 30, 10 DIM WAS 9	GD	8/11/91
ISSUE	REVISION	DRN	DATE

Material:
AL ALLOY
Quantity: 1 OFF

DO NOT SCALE

THIRD ANGLE PROJECTION

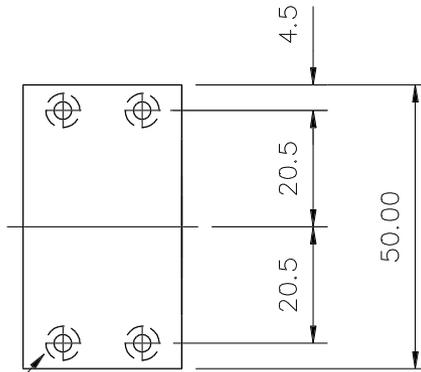
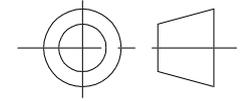


DRG. TITLE:		MOTOR MOUNTING BRACKET	
SCALES:		1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		JW	
DATE:		29/04/91	DRAWING No. AF2\XDS-02
			DRG. SIZE A3
			REV. A

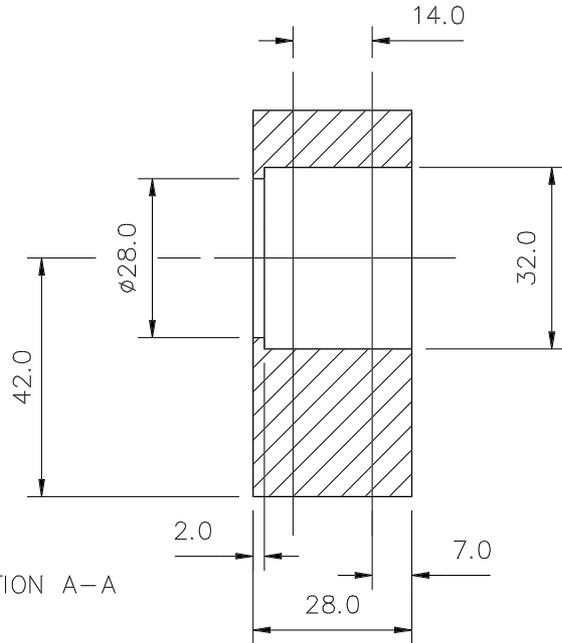
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
	X (OVER 100) ± 0.20	AL ALLOY	
	X (UP TO 100) ± 0.1		
	X.X ± 0.10		
	X.XX ± 0.05		
ISSUE	REVISION	DRN	DATE
			Quantity: 1 OFF

DO NOT SCALE

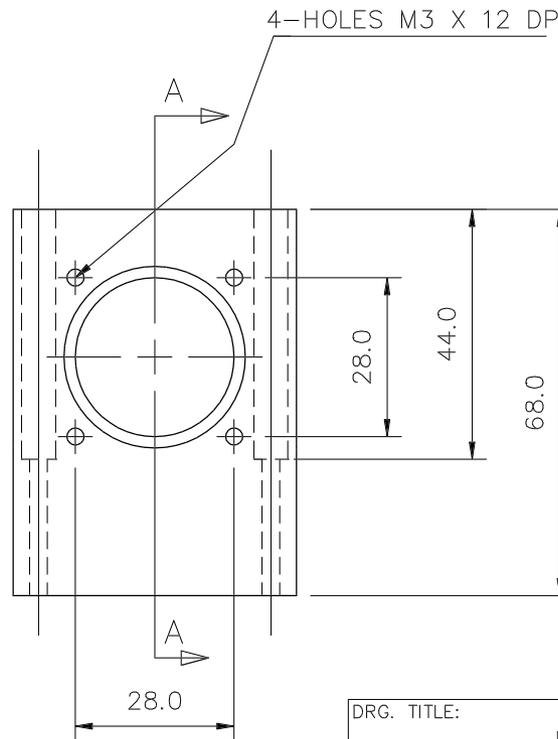
THIRD ANGLE PROJECTION



4-HOLES DRILL & CBORE 44 DP
FOR M3 CAP HEAD SCREWS



SECTION A-A



4-HOLES M3 X 12 DP

DRG. TITLE:		BEARING HOUSING	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DL1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP.	DRG. SIZE A3
DRAWN BY:	JW		
DATE:	01/05/91	DRAWING No.	AF2\XDS-01
		REV.	A

ISSUE	REVISION	DRN	DATE	ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED	Material:
				IMPLIED TOLERANCES	AL ALLOY
				X (OVER 100) ±0.20	Quantity: 1 OFF
				X (UP TO 100) ±0.1	
				X.X ±0.10	
				X.XX ±0.05	