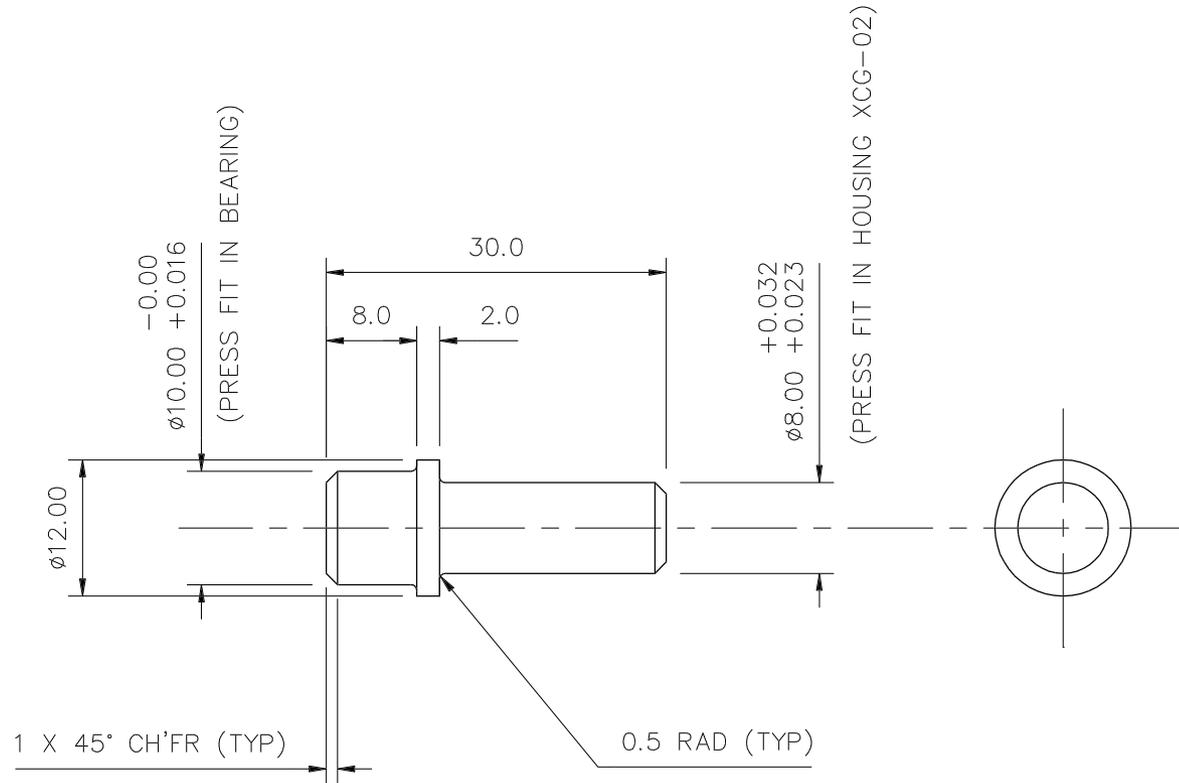
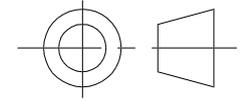


DO NOT SCALE

THIRD ANGLE PROJECTION

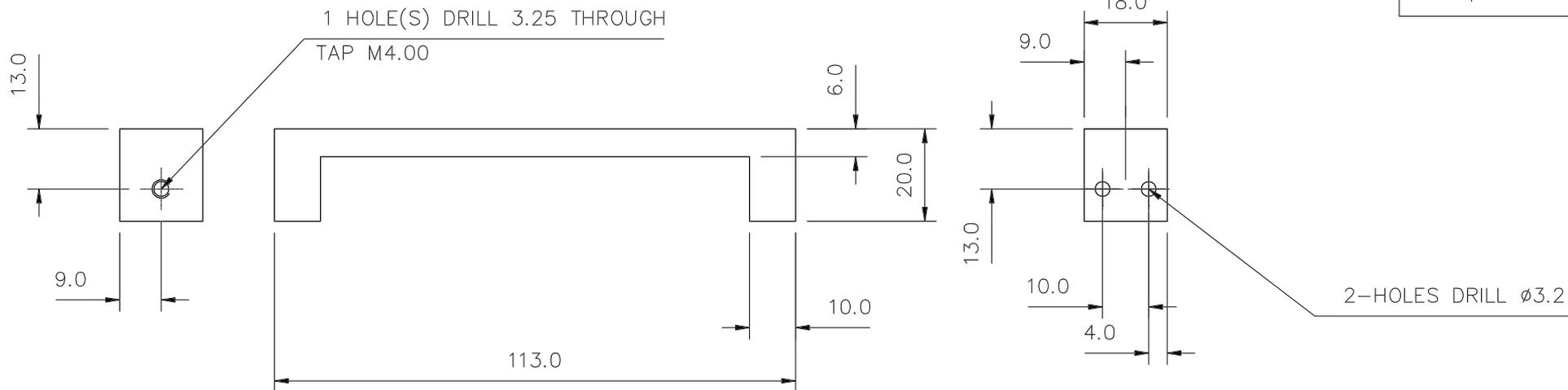
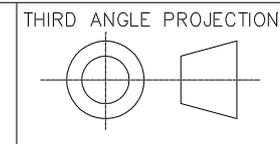


DRG. TITLE:		STUB AXLE	
SCALES:		2:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108
DRG. TYPE:		PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP
DRAWN BY:		G.D	
DATE:		09/12/91	DRAWING No.
		AF2\XCG-03	REV. A

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

Quantity: 2 OFF

DO NOT SCALE

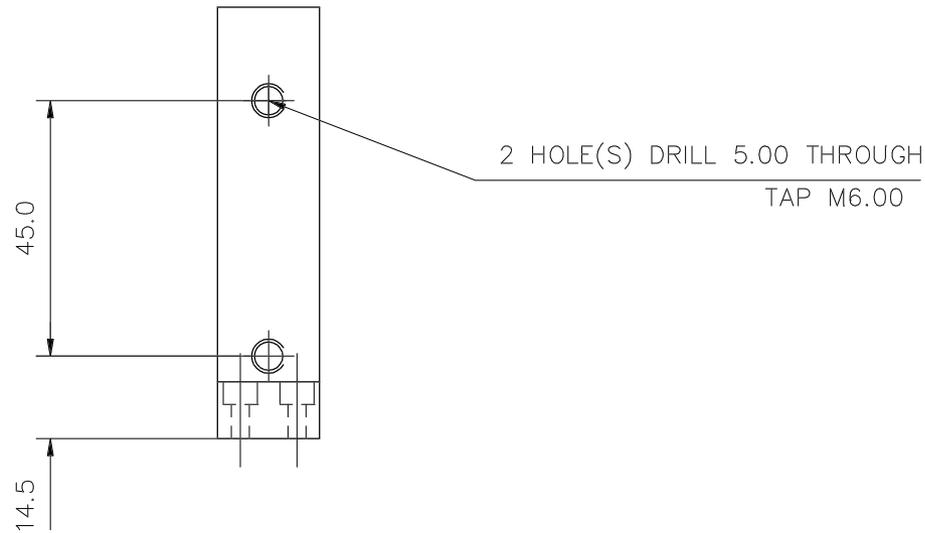
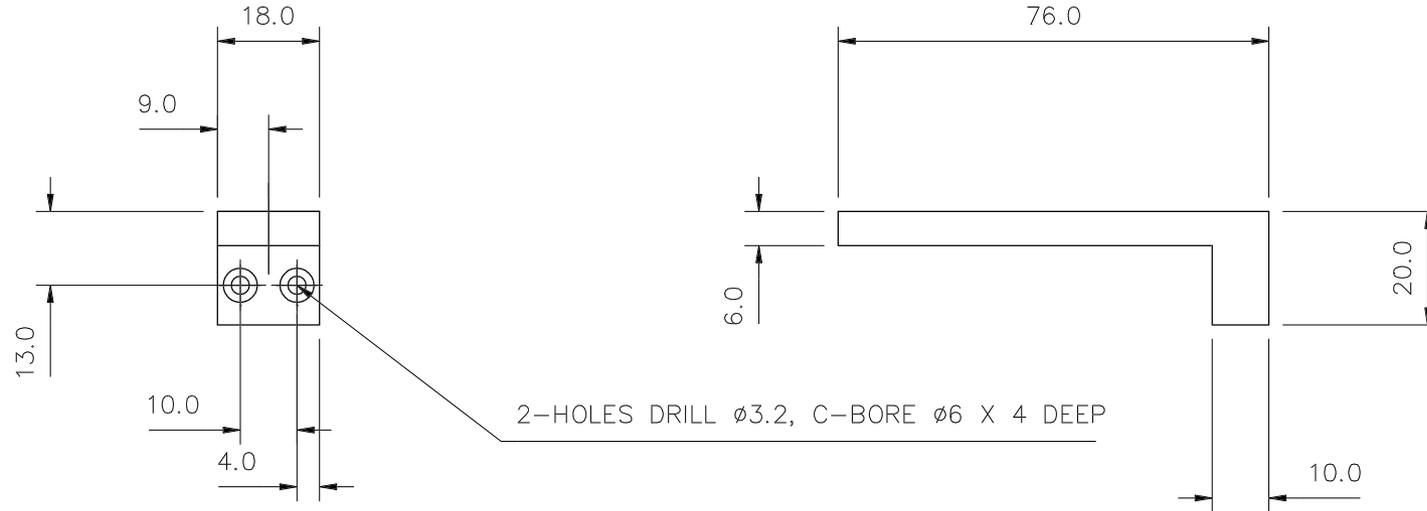
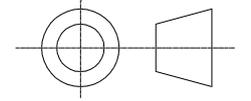


DRG. TITLE:		<b>FIXED DRAG CHAIN BRACKET</b>	
SCALES:	<b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DHI 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	DRG. SIZE
DRAWN BY:	JW/GD		<b>A3</b>
DATE	04/07/91	DRAWING No.	REV.
		<b>AF2\XCG-05B</b>	<b>B</b>

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES		Material:	
X (OVER 100) $\pm 0.20$		<b>AL ALLOY</b>	
X (UP TO 100) $\pm 0.1$		Quantity: 1 OFF	
X.X $\pm 0.10$			
X.XX $\pm 0.05$			
B	REDESIGNED TO SUIT SHELF	GD	29/8/92
ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION



DRG. TITLE:		FIXED DRAG CHAIN 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
DRAWN BY:	JW/GD		A3
DATE	04/07/91	DRAWING No.	REV.
		AF2\XCG-05	A

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED

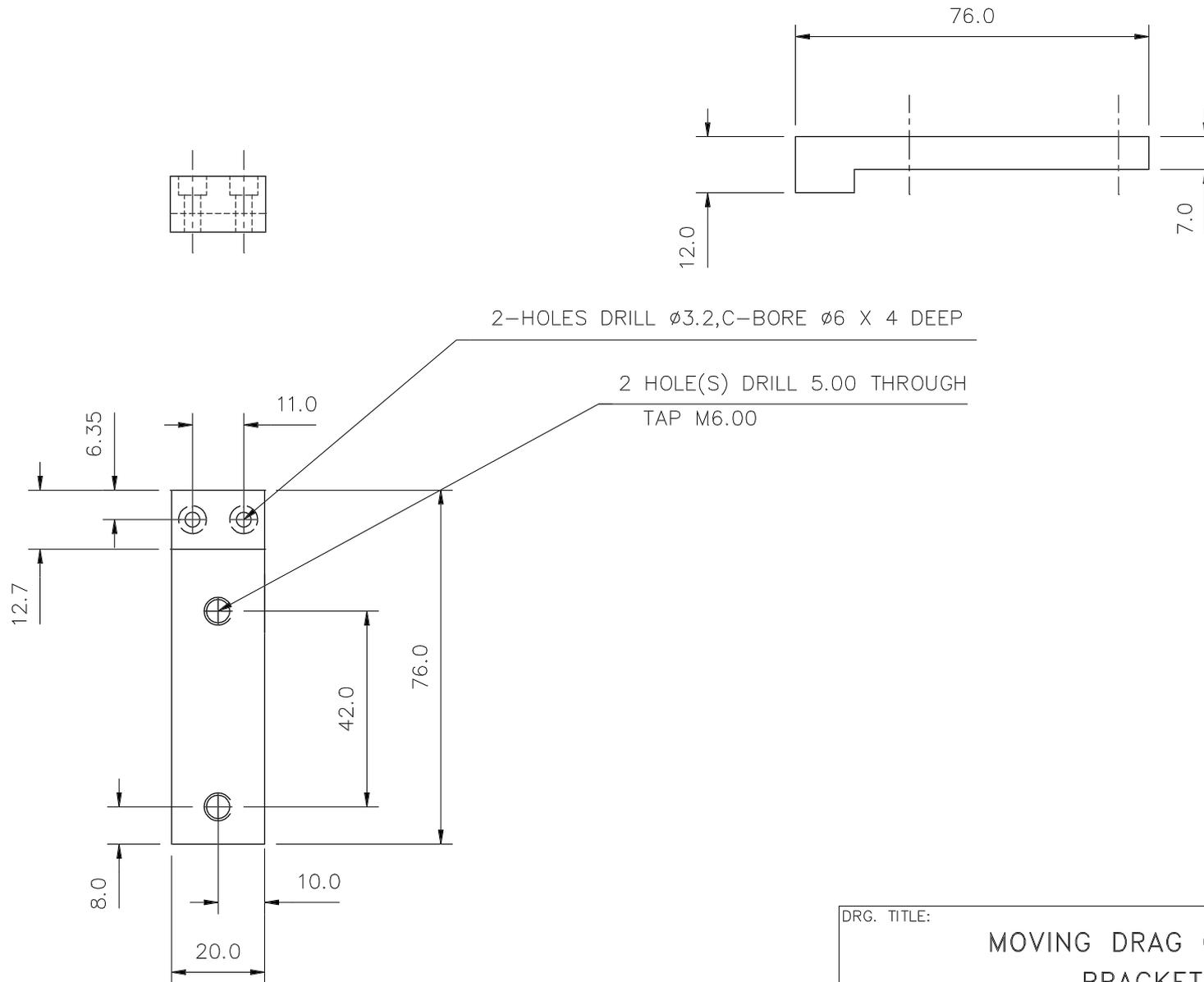
IMPLIED TOLERANCES  
 X (OVER 100) ±0.20  
 X (UP TO 100) ±0.1  
 X.X ±0.10  
 X.XX ±0.05

Material:  
**AL ALLOY**  
 Quantity: 1 OFF

ISSUE	REVISION	DRN	DATE

DO NOT SCALE

THIRD ANGLE PROJECTION

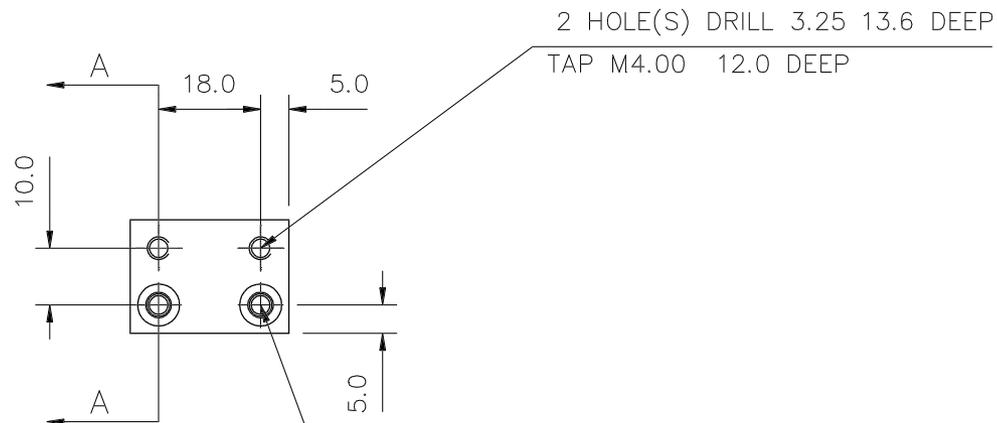
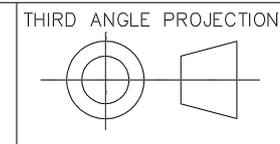


DRG. TITLE:		<b>MOVING DRAG CHAIN BRACKET</b>	
SCALES:	<b>1:1</b>	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCE LABS, SOUTH ROAD, DURHAM, DH1 3LE TEL. (091) 374 2107 & 2108	
DRG. TYPE:	PARTS	THIS DRAWING IS THE PROPERTY OF THE ASTRONOMICAL INSTRUMENTATION GROUP, DURHAM UNIVERSITY, PHYSICS DEPT. IT MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF THE INSTRUMENTATION GROUP	<b>A3</b>
DRAWN BY:	JW/GD		
DATE	09/07/91	DRAWING No.	<b>AF2\XCG-04</b>
		REV.	<b>B</b>

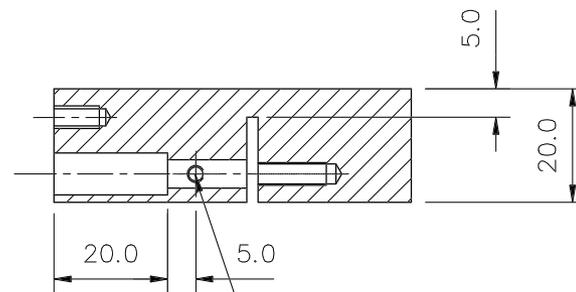
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED			
IMPLIED TOLERANCES			
X (OVER 100) ±0.20			
X (UP TO 100) ±0.1			
X.X ±0.10			
X.XX ±0.05			
Material:		<b>AL ALLOY</b>	
Quantity:		1 OFF	
B	PROFILE OF BRACKET ALTERED	G.D	26/05/92
ISSUE	REVISION	DRN	DATE



DO NOT SCALE



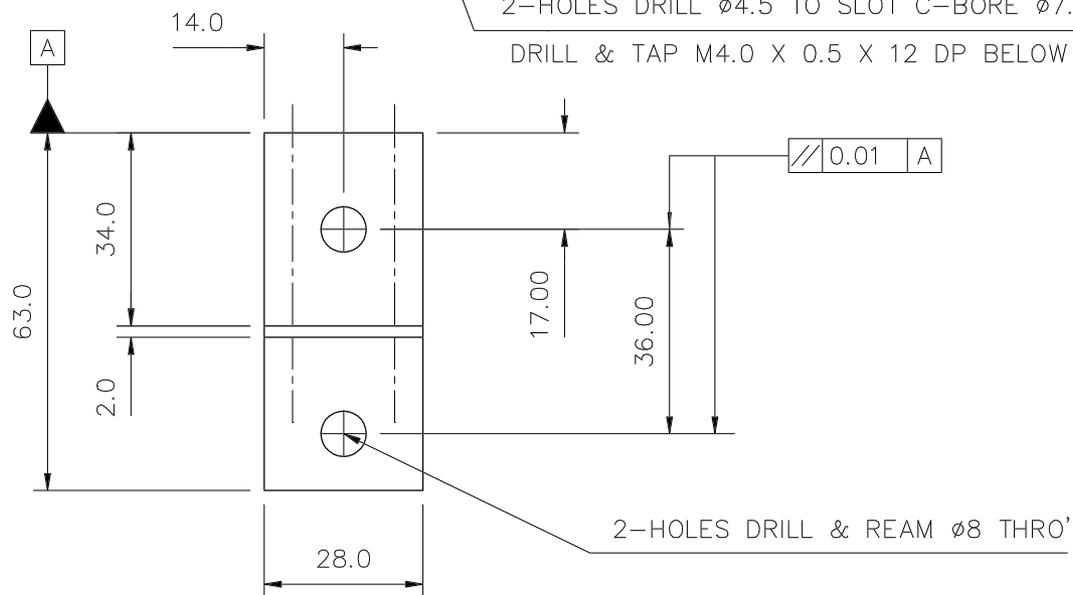
2 HOLE(S) DRILL 3.25 13.6 DEEP  
TAP M4.00 12.0 DEEP



SECTION A-A

2-HOLES DRILL  $\phi 4.5$  TO SLOT C-BORE  $\phi 7.4 \times 20$  DP  
DRILL & TAP M4.0 X 0.5 X 12 DP BELOW THE SLOT

2 HOLE(S) DRILL 2.50 THROUGH  
TAP M3.00

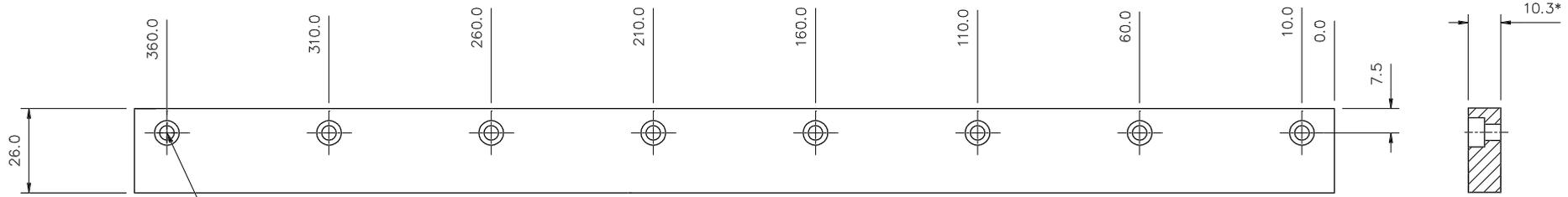
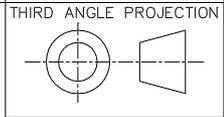


2-HOLES DRILL & REAM  $\phi 8$  THRO'

DRG. TITLE:		ADJUSTER 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:	G.D		DRAWING No.
DATE	09/12/91	AF2\XCG-02	REV. A

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

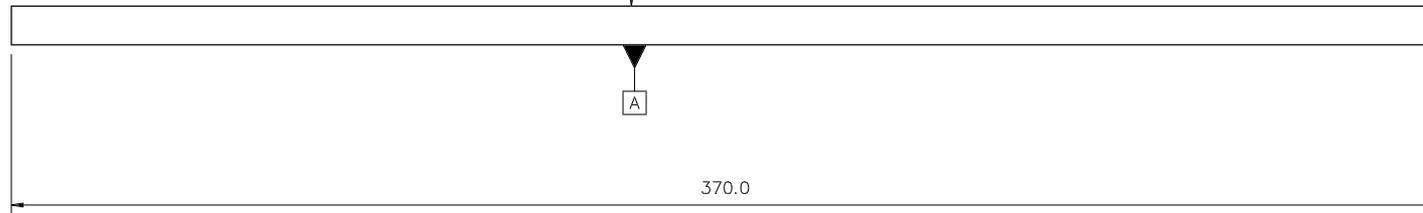
DO NOT SCALE



8 HOLE(S) DRILL 4.5  
COUNTERBORE  $\phi$ 7.6 x 4.5 DEEP

\* FINAL THICKNESS TO BE OBTAINED BY MEASURING GAP BETWEEN BEARINGS FITTED TO PARTS XCG-02 & XCG-03

—	0.030
▨	0.030
▩	0.030 A



MATERIAL — MILD STEEL 070M20 BS970, CASE HARDENED TO A DEPTH OF .0.75 MM & GROUND

DRG. TITLE:		GUIDE RAIL	
SCALES:	1:1	ASTRONOMICAL INSTRUMENTATION GROUP DURHAM UNIVERSITY, PHYSICS DEPARTMENT SCIENCES LABS, SCOTTE ROAD, DURHAM, DH1 1LE 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/GD	DRAWING No.	A2
DATE	04/07/91	DRAWING No.	AF2\XCG-01
Quantity:	1 OFF	REV.	A

ISSUE	REVISION	DRN	DATE	ISSUE	REVISION	DRN	DATE

ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED  
 IMPLIED TOLERANCES  
 X (OVER 100)  $\pm$ 0.20  
 X (UP TO 100)  $\pm$ 0.1  
 X.X  $\pm$ 0.10  
 X.XX  $\pm$ 0.05  
 Material: SEE ABOVE  
 Quantity: 1 OFF