

REV.	DATE	DCN #	DRAWING TREE #
A	30-OCT-06	E060260-00	
B	21/DEC/07	E060260-B	

2-HOLES $\varnothing 4.8$ THRU'
C'BORE $\varnothing 7$ X 4 DP

$\oplus \varnothing 0.1$

2-HOLES $\varnothing 6.8$
THRU'

12.018
2-HOLES $\varnothing 12.000$ (H7)
THRU'

$\oplus \varnothing 0.05$

TAP 2 HOLES 1/4-20 UNC
X 0.005" OVERSIZE THRU

$\oplus \varnothing 0.4$

197.5

155.5

132.5

82.5

54.5

10

35

49

21

9
TYP

2
TYP

10.4
10.1
TYP

SECTION A-A

0.5 X 45°
TYP

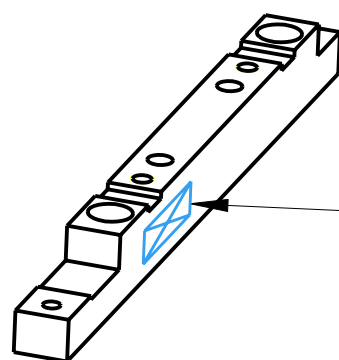
17.5

44

104.5

177.6

177.4



PART NO. (SEE NOTE 4)
TO BE ETCHED OR STAMPED
IN APPROX POSITION SHOWN.

NOTES: (UNLESS OTHERWISE SPECIFIED)		DIMENSIONS ARE IN mm (INCHES)		TOLERANCES:	
1.	REMOVE ALL SHARP EDGES, R.02 MIN.	X.XX ± 0.2mm (INCHES)		ANGULAR ± 0.25°	
2.	DO NOT SCALE FROM DRAWING.				
3.	ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)				
4.	SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188-001. A VIBRATORY TOOL MAY BE USED.				
FINISH: CLEAN		MATERIAL: AL. ALLOY 5083 H4 or 6061		PART NAME: BASE BAR - LONG	
Ra = 1.6				NEXT ASSY: QUAD LOWER STRUCTURE	
				SUB-SYSTEM: SUS	
				SYSTEM: aLIGO	
				SCALE: 1:1 PROJECTION:	
				SHEET: 1 OF 1	

CALIFORNIA INSTITUTE OF TECHNOLOGY	
GLASGOW UNIVERSITY GEO 600 GROUP	
RUTHERFORD APPLETON LABORATORIES	
DRWN	J O'DELL 13/MAR/09
CHEKED	MB 15/MAR/10
APPROVED	JOD 15/MAR/10
DRG. NO.	D060444