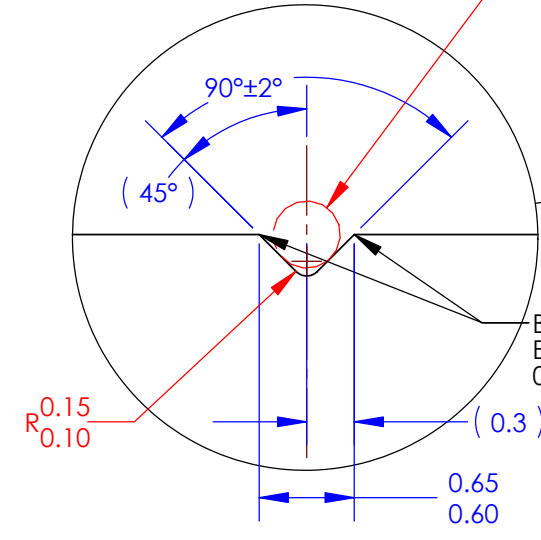


REV.	DATE	DCN #	DRAWING TREE #
00	APR06	INITIAL RELEASE (R.JONES)	
01	JUL06	ALTERATION TO GROOVE FOR WIRE LOCATION (R.JONES)	
02	DEC06	ALTERATION TO NOTES ON GENERAL TOLERANCE IN DRAWING TEMPLATE (R.JONES)	

(FOR INTERNAL REFERENCE:
DIAMETER OF TEST MASS WIRES
ON REACTION CHAIN
Ø0.457)

DETAIL A
SCALE 20 : 1

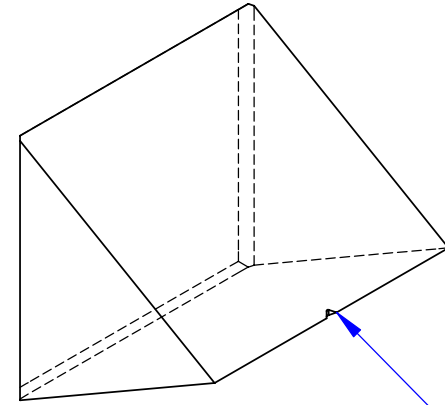
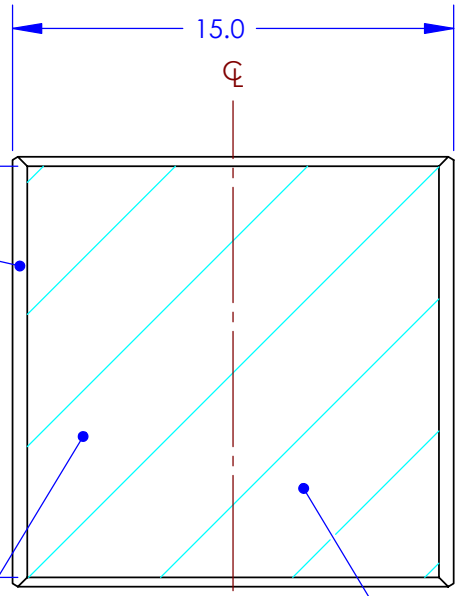
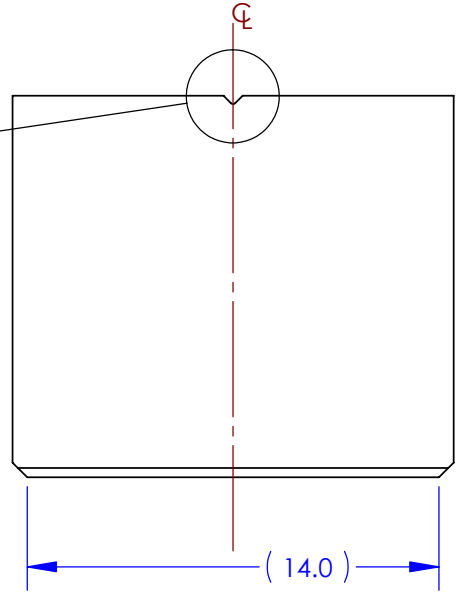


BREAK SHARP
EDGES
0.1 MAX.

POLISHED CHAMFER
0.5 X 45° ± 5° ON ALL
EDGES ADJACENT TO
(S1)

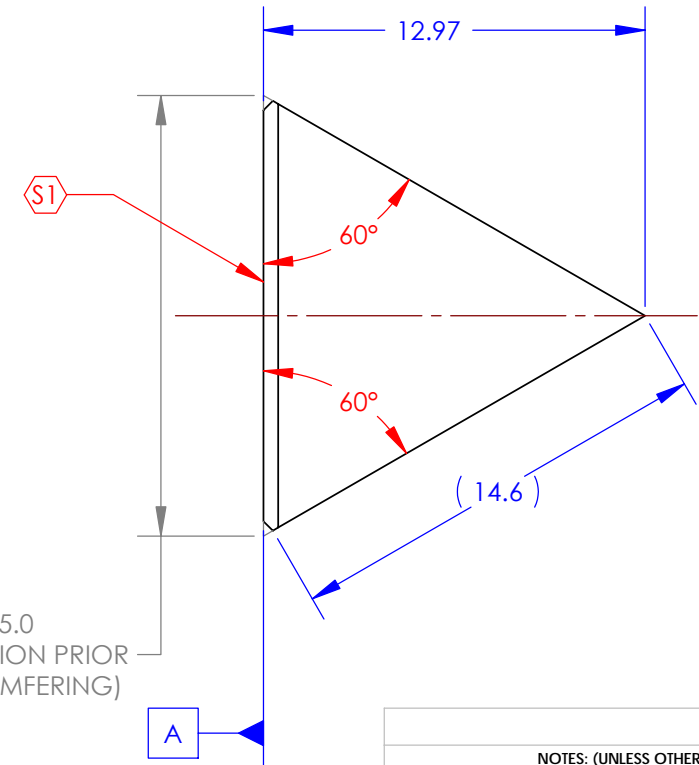
FLAT TO λ/10 OVER
MINIMUM CLEAR
APERTURE

MINIMUM CLEAR APERTURE EXTENDS
TO EDGE OF SURFACE (S1)



GROOVE TO LOCATE A (STEEL) SUSPENSION
WIRE LOOP.

IMPORTANT NOTE:
HIGH SURFACE QUALITY IS REQUIRED ON THE
INTERNAL SURFACES OF THE GROOVE, AND IN THE
GENERAL VICINITY OF THE GROOVE.



NOTES: (UNLESS OTHERWISE SPECIFIED)		PARTS LIST	
1. DO NOT SCALE FROM DRAWING. 2. MINIMISE EDGE CHIPPING. 3. REMOVE SHARP EDGES (R0.1 TYP) 4. PART SYMMETRIC ABOUT Q 5. INSPECTION POLISH ALL FACES, CHAMFERS AND EDGES		DIMENSIONS ARE IN MILLIMETERS GENERAL TOLERANCES: ± 0.1mm ANGULAR ± 0.1 °	
MATERIAL		F2	
FINISH		Inspection Polish	
DRAWN		R. JONES	
CHECKED		C. CANTLEY	
APPROVED			
DATE		MAY06	
DATE		SEP06	
SYSTEM		ADVANCED LIGO	
SUB-SYSTEM		SUS	
NEXT ASSY		N-Ptype Reaction Test Mass	
PART NAME		Break-off Prism	
SIZE	DWG. NO.	REV.	
B	D060166	02	
SCALE: 2:1		PROJECTION:	
SHEET 1 OF 1			

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A

8 7 6 5 4 3 2 1