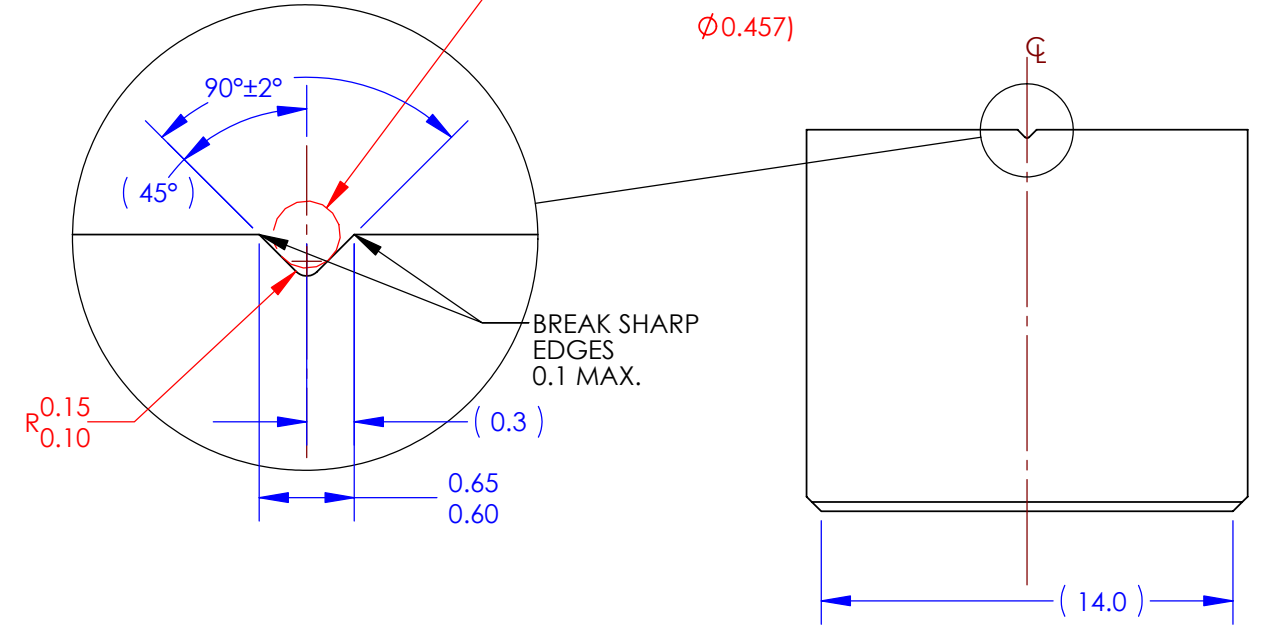


REV.	DATE	DCN #	DRAWING TREE #
00	APR06	INITIAL RELEASE (R.JONES)	
01	JUL06	ALTERATION TO GROOVE FOR WIRE LOCATION (R.JONES)	

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

DETAIL A
SCALE 20 : 1

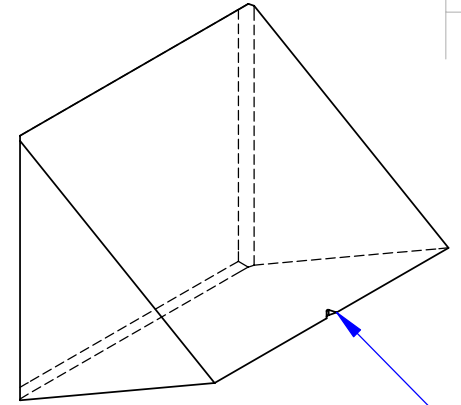


BREAK SHARP
EDGES
0.1 MAX.

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

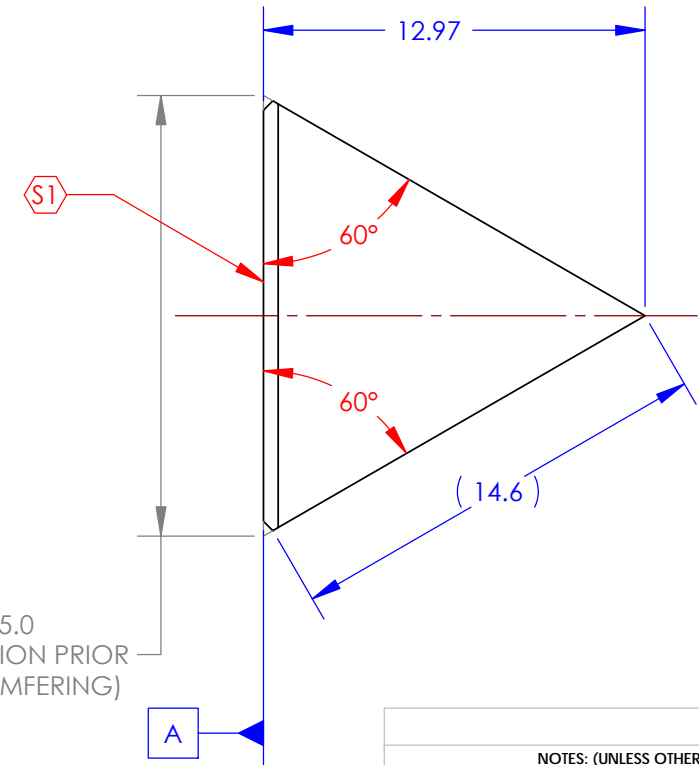
FLAT TO λ/10 OVER
MINIMUM CLEAR
APERTURE

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.



15.0
(DIMENSION PRIOR
TO CHAMFERING)

NOTES: (UNLESS OTHERWISE SPECIFIED)			PARTS LIST	
1. DO NOT SCALE FROM DRAWING.	DIMENSIONS ARE IN MILLIMETERS		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
2. MINIMISE EDGE CHIPPING.	TOLERANCES: .XX ± 0.01 .XXX ± 0.005		SYSTEM	ADVANCED LIGO
3. REMOVE SHARP EDGES (R0.1 TYP)	ANGULAR ± 0.5 °		SUB-SYSTEM	SUS
4. PART SYMMETRIC ABOUT Q̄	MATERIAL	F2	NEXT ASSY	N-Ptype Reaction Test Mass
5. INSPECTION POLISH ALL FACES, CHAMFERS AND EDGES	FINISH	Inspection Polish	PART NAME	Break-off Prism
	DRAWN	R.JONES	DATE	MAY06
	CHECKED	C.CANTLEY	DATE	SEP06
	APPROVED		DATE	
	SIZE	B	DWG. NO.	D060166
	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