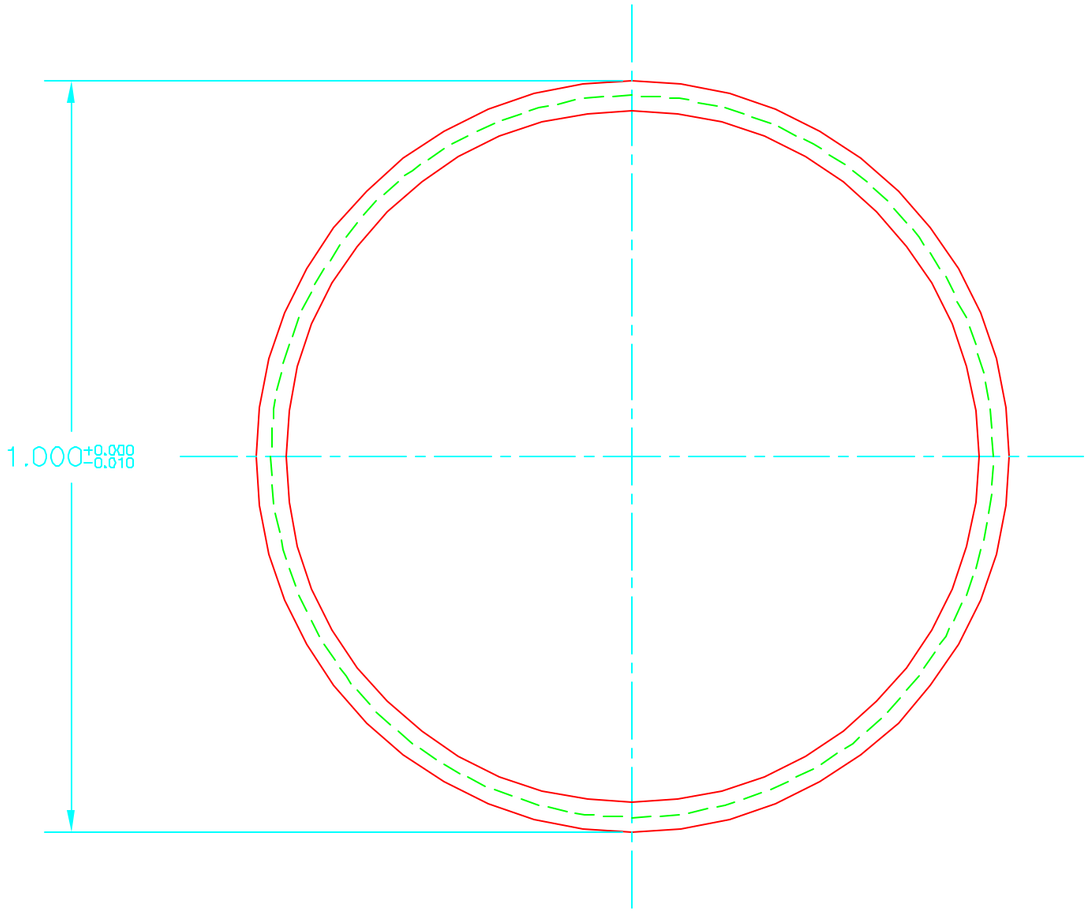
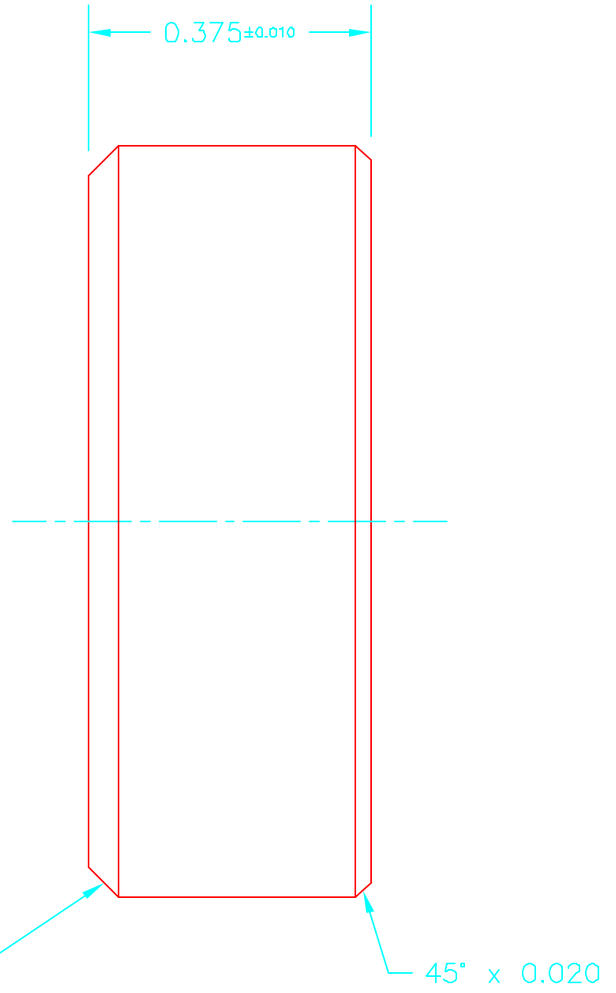
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	CHAMFER CALL OUT	03/14/01	P.K.





NOTES:

1. SIDE 1: SUPER POLISHED PLANO SURFACE
   POLISHED TO BELOW 1 ANGSTROM
   FLATNESS < 0.1 WAVE @ 632.8nm
   CLEAR APERTURE BETWEEN 80%–90% OF SUBSTRATE DIAMETER
   SURFACE QUALITY < 10–5
   SIDE 2: CONVENTIONAL LASER QUALITY POLISH
   FLATNESS < 0.25 WAVE @ 632.8 nm
   SURFACE QUALITY < 40–20
   PARALLEL TO SIDE 1 < 60"

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION

PARTS LIST

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX±.01 .XXX±.005 .XXXX±.0005 ANGLES ±

CONTRACT NO.

LIGO Project
California Institute of Technology
Massachusetts Institute of Technology

PSL Pre-stabilized Laser

		APPROVALS	DATE
		DRAWN P. KING	02/16/01
		CHECKED	
NEXT ASSY	USED ON	ISSUED	

MATERIAL: FUSED SILICA

FINISH: SEE NOTE 1

APPLICATION

DO NOT SCALE DRAWING

1.00 in. dia. SUPER POLISHED FUSED SILICA SUBSTRATE

SIZE	FSCM NO.	PSL DWG. NO.	REV.
B		D010056-00-D	A

SCALE 5:1 SHEET 1 of 1