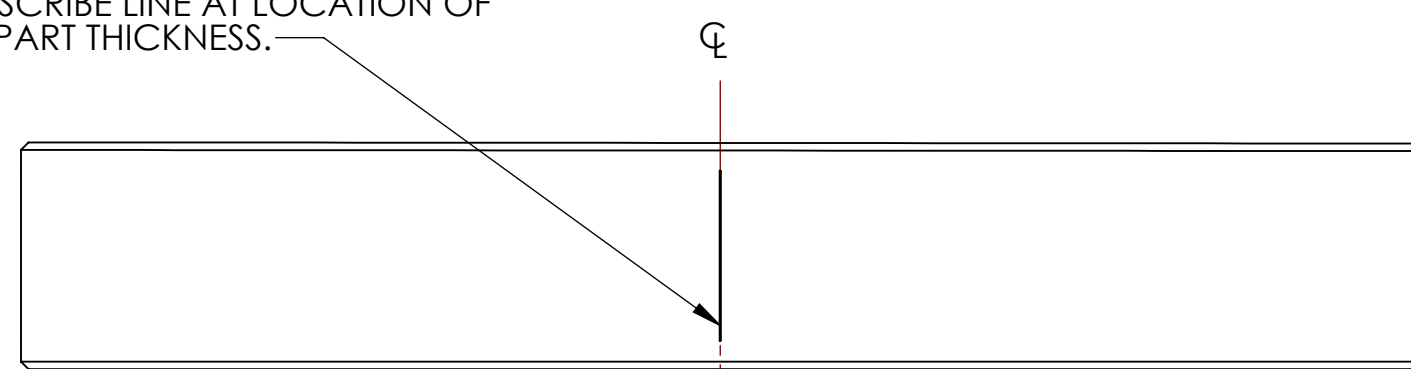


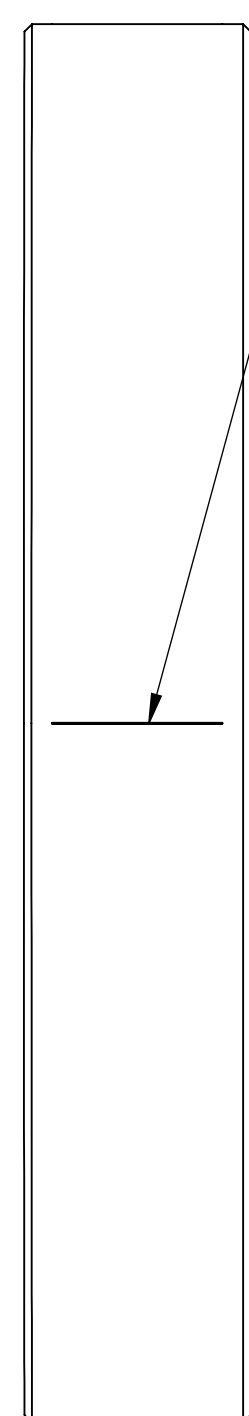
REV.	DATE	DCN #	DRAWING TREE #
v1	11th Nov 2008	E080530-v1	
v2	Feb-20th-2009	LIGO-E0900046-v1	
v3	2nd March 2009	LIGO-E0900062-v1	
v4	28 MAY 2010	E1000188	

ETCH OR GRIND REGISTRATION MARKS
 0.25mm ± 0.05mm WIDE x
 45mm ± 3mm LONG MINIMUM LEGIBLE
 DEPTH LINE ALONG ϕ , CENTERED
 BETWEEN SURFACES 'S1' AND 'S2', PARALLEL
 TO THE CYLINDRICAL AXIS
 (DEFINED BY DATUM FEATURE -A-)
 WITHIN ±0.1mm AND
 90° FROM SCRIBE LINE AT LOCATION OF
 MINIMUM PART THICKNESS.



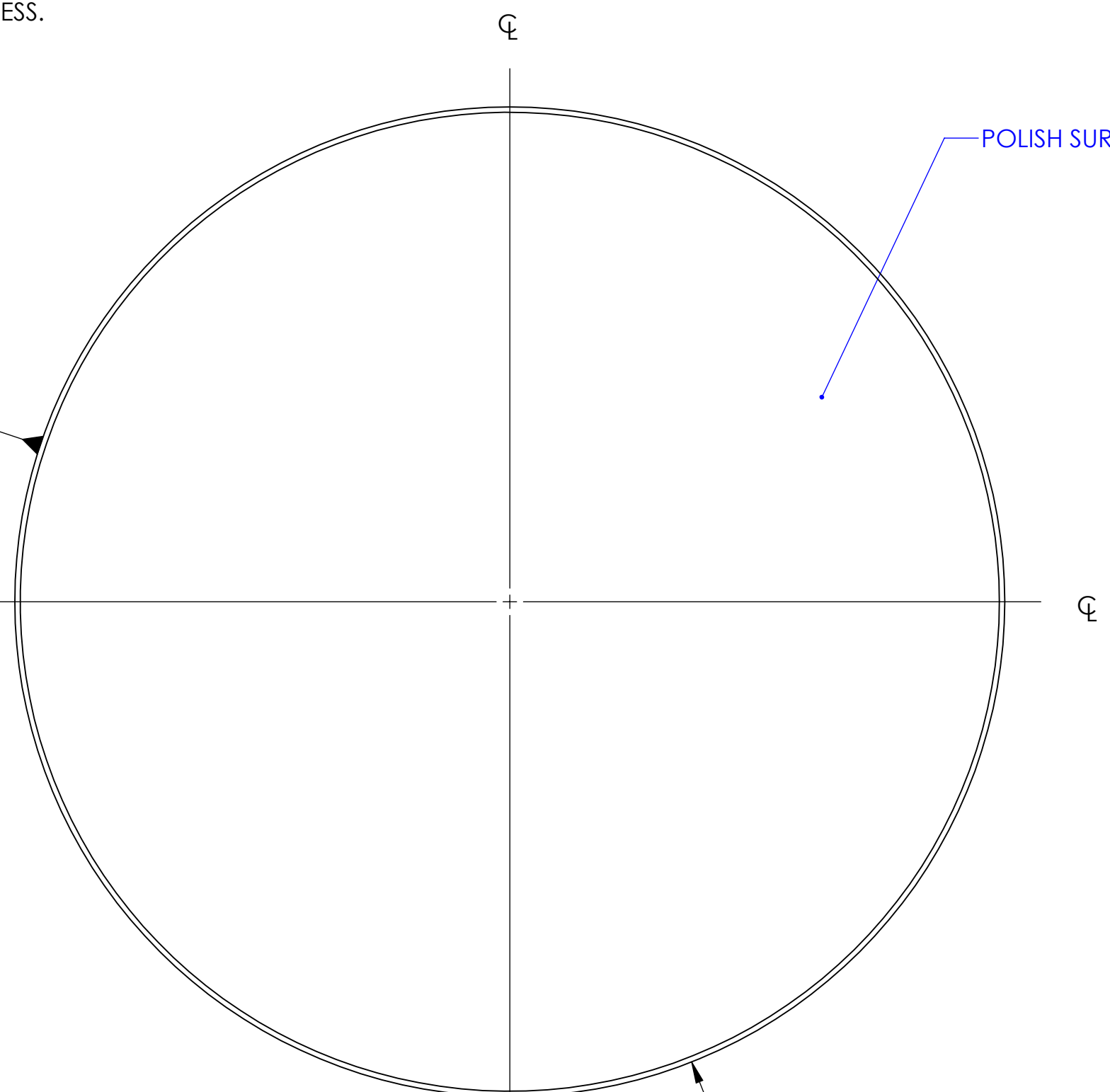
TOP VIEW

ETCH OR GRIND REGISTRATION MARKS
 0.25mm ± 0.05mm WIDE x
 45mm ± 3mm LONG MINIMUM LEGIBLE
 DEPTH LINE ALONG ϕ , CENTERED
 BETWEEN SURFACES 'S1' AND 'S2', PARALLEL
 TO THE CYLINDRICAL AXIS
 (DEFINED BY DATUM FEATURE -A-)
 WITHIN ±0.1mm AND
 180° FROM SCRIBE LINE AT LOCATION OF
 MINIMUM PART THICKNESS.



S1

A



POLISH SURFACE 'S1'

S3

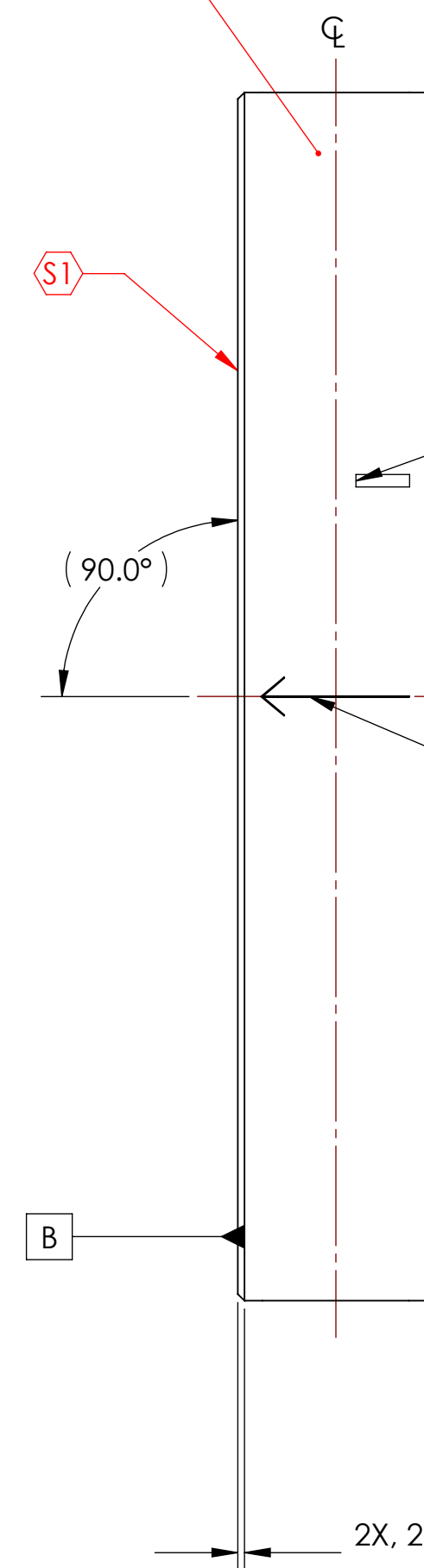
S1

S2
 POLISH SURFACE 'S2'
 (SEE NOTE 4).

ETCH OR GRIND SERIAL NUMBER, APPROX. WHERE SHOWN,
 LETTERING APPROX. 4mm HIGH
 (SEE NOTE 5 FOR MORE DETAILS.)

(90.0°)

B

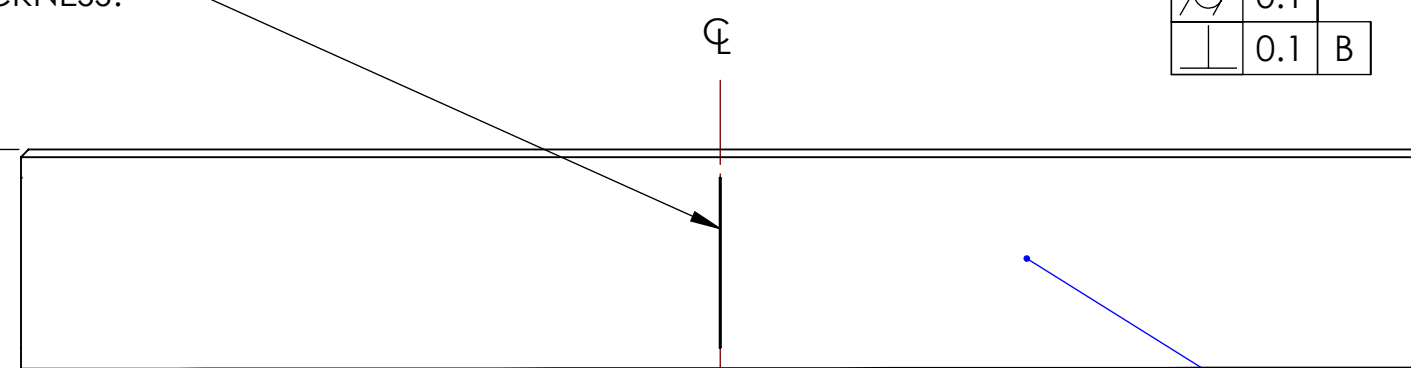


2X, 2.0 ± 0.2 x 45° ± 5° CHAMFER,

ETCH OR GRIND REGISTRATION MARKS
 0.25mm ± 0.05mm WIDE x 45mm ± 3mm LONG
 MINIMUM LEGIBLE DEPTH LINE ALONG ϕ , CENTERED
 BETWEEN SURFACES 'S1' AND 'S2' AT
 LOCATION OF MINIMUM PART THICKNESS WITHIN
 ± 5° CLOCKING ANGLE
 (WITH RESPECT TO DATUM FEATURE -A-),
 AND PARALLEL TO THE CYLINDRICAL AXIS
 (DEFINED BY DATUM FEATURE -A-)
 WITHIN ±0.1mm, WITH ARROW POINTING
 TO SURFACE 'S1'.

ETCH OR GRIND REGISTRATION MARKS
 0.25mm ± 0.05mm WIDE x
 45mm ± 3mm LONG MINIMUM LEGIBLE
 DEPTH LINE ALONG ϕ , CENTERED
 BETWEEN SURFACES 'S1' AND 'S2', PARALLEL
 TO THE CYLINDRICAL AXIS
 (DEFINED BY DATUM FEATURE -A-)
 WITHIN ±0.1mm AND
 90° FROM SCRIBE LINE AT LOCATION OF
 MINIMUM PART THICKNESS.

60.0 ± 0.5



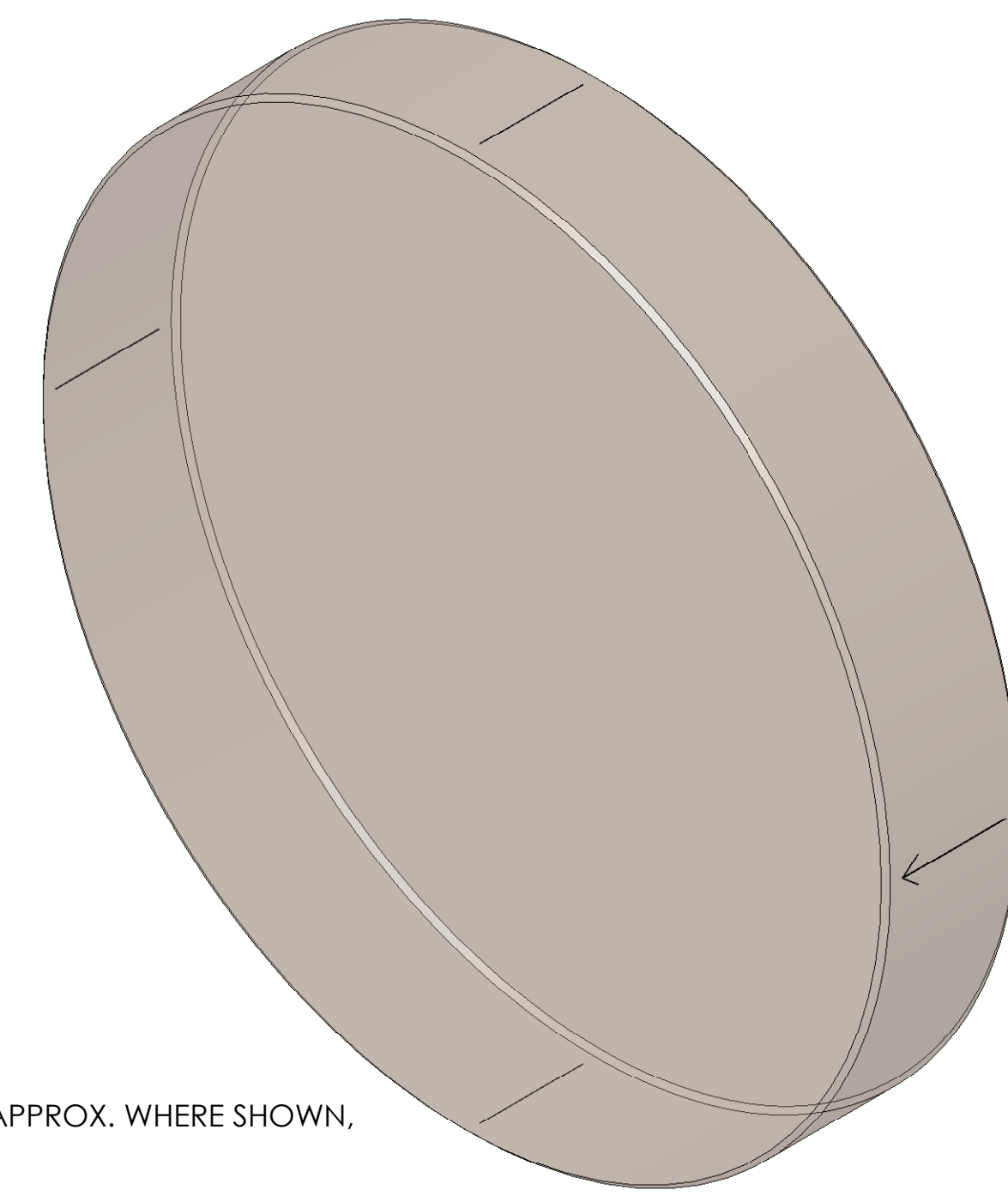
BOTTOM VIEW

BARREL SIDE AND BEVEL POLISH

$\phi 370.00 \pm 0.25$

0.1	
0.1	B

.05^{+0.03}
 -.00⁰



MANUFACTURING NOTES:

- DO NOT SCALE FROM DRAWING.
- INTERPRET DRAWING AS PER ANSI Y14.5M 1994.
- BARREL SIDE AND BEVEL POLISH PER E080515.
- FINISH SURFACES 'S1' AND 'S2' AS PER E080515.
- REFER TO E080515 FOR MORE INFORMATION ON SERIAL NUMBER.
- APPLY COATING PER E0900072.

PARTS LIST

NOTES: (UNLESS OTHERWISE SPECIFIED)
 DIMENSIONS ARE IN MILLIMETERS (mm)

SCALE: X = 0.1
 XX = 0.05
 ANGULAR = 0.1°

MATERIAL: REF E080045-v1

FINISH: (FM) SUBSTRATE

NAME	DATE	REV.
DRAWN: C. TORRE	4/29/08	
CHECKED: J. HOWE	5/19/08	
CHECKED: D. COYNE	5/19/08	
APPROVED: D. COYNE	4/16/08	

SCALE: 1:2

PART NAME: FOLDING MIRROR (FM)

ITEM: D080661

REV: v4