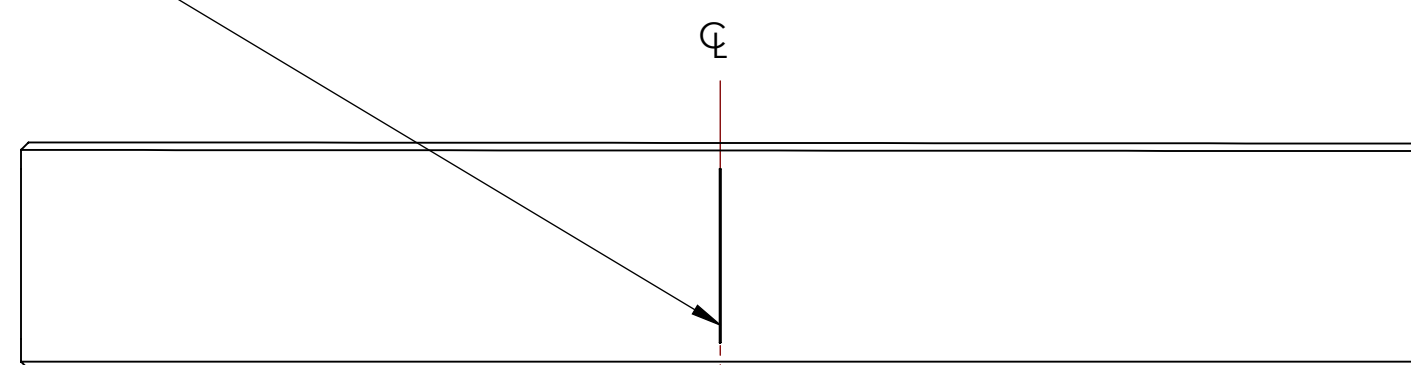


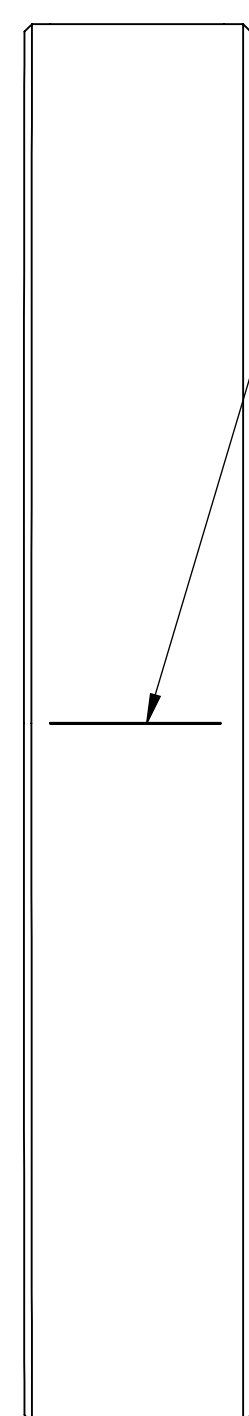
REV.	DATE	DCN #	DRAWING TREE #
v1	11th Nov 2008	E080330-v1	
v2	Feb-20-2009	LIGO-E0900046-v1	
v3	28 MAY 2010	E1000188	

ETCH OR GRIND REGISTRATION MARKS  
 0.25mm ± 0.05mm WIDE x  
 45mm ± 3mm LONG MINIMUM LEGIBLE  
 DEPTH LINE ALONG  $\phi$ , 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.

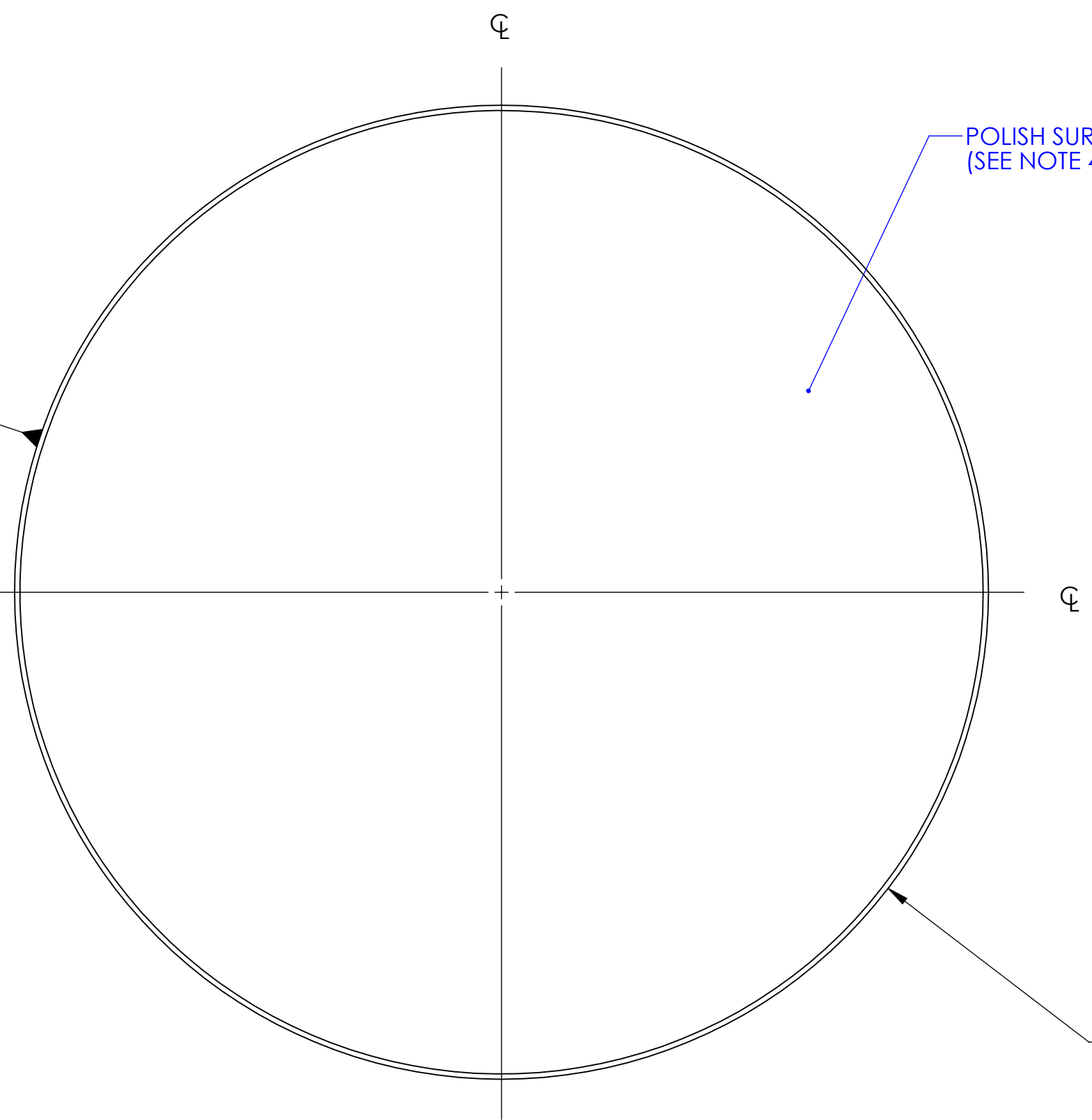


TOP VIEW

ETCH OR GRIND REGISTRATION MARKS  
 0.25mm ± 0.05mm WIDE x  
 45mm ± 3mm LONG MINIMUM LEGIBLE  
 DEPTH LINE ALONG  $\phi$ , 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.



A

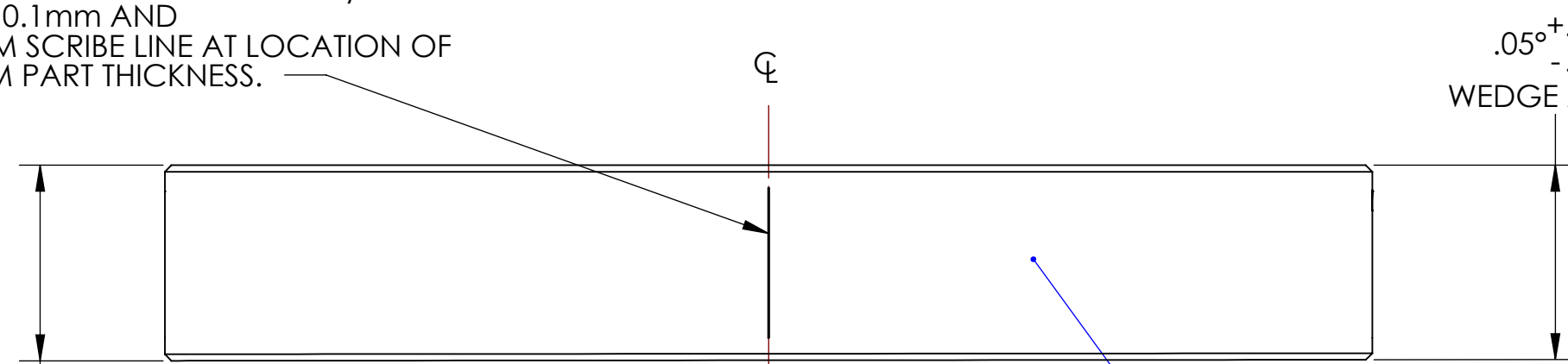


POLISH SURFACE 'S1'  
 (SEE NOTE 4)

$\phi 370.00 \pm 0.25$   

$\sqrt{R}$	0.1
	0.1 B

ETCH OR GRIND REGISTRATION MARKS  
 0.25mm ± 0.05mm WIDE x  
 45mm ± 3mm LONG MINIMUM LEGIBLE  
 DEPTH LINE ALONG  $\phi$ , 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.

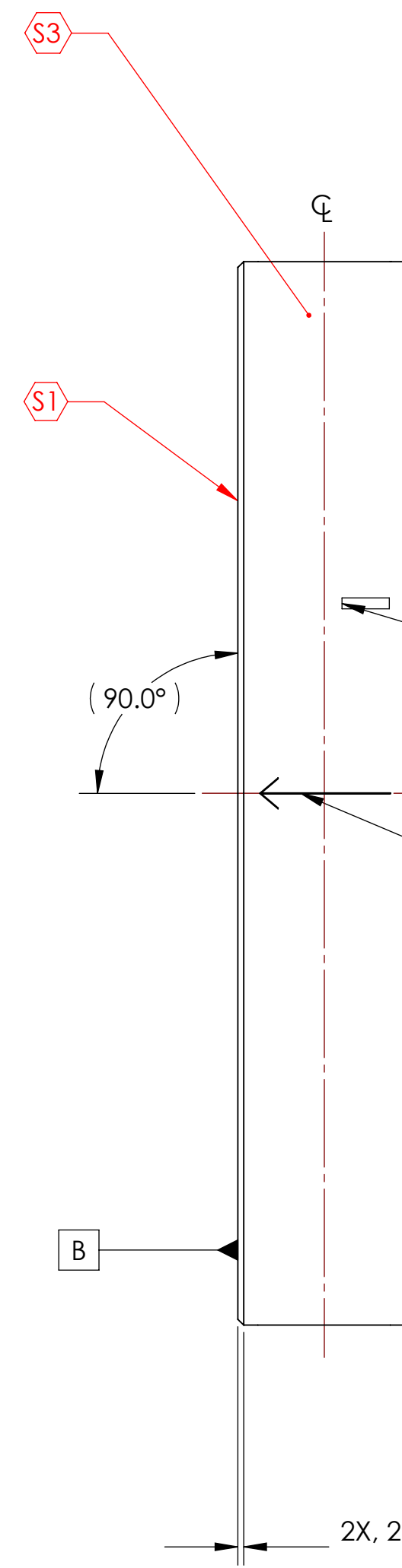


BOTTOM VIEW

60.0 ± 0.5

.05° + .03°  
 .00°  
 WEDGE ANGLE

BARREL SIDE AND BEVEL POLISH  
 (SEE NOTE 3)



S3

S1

S2

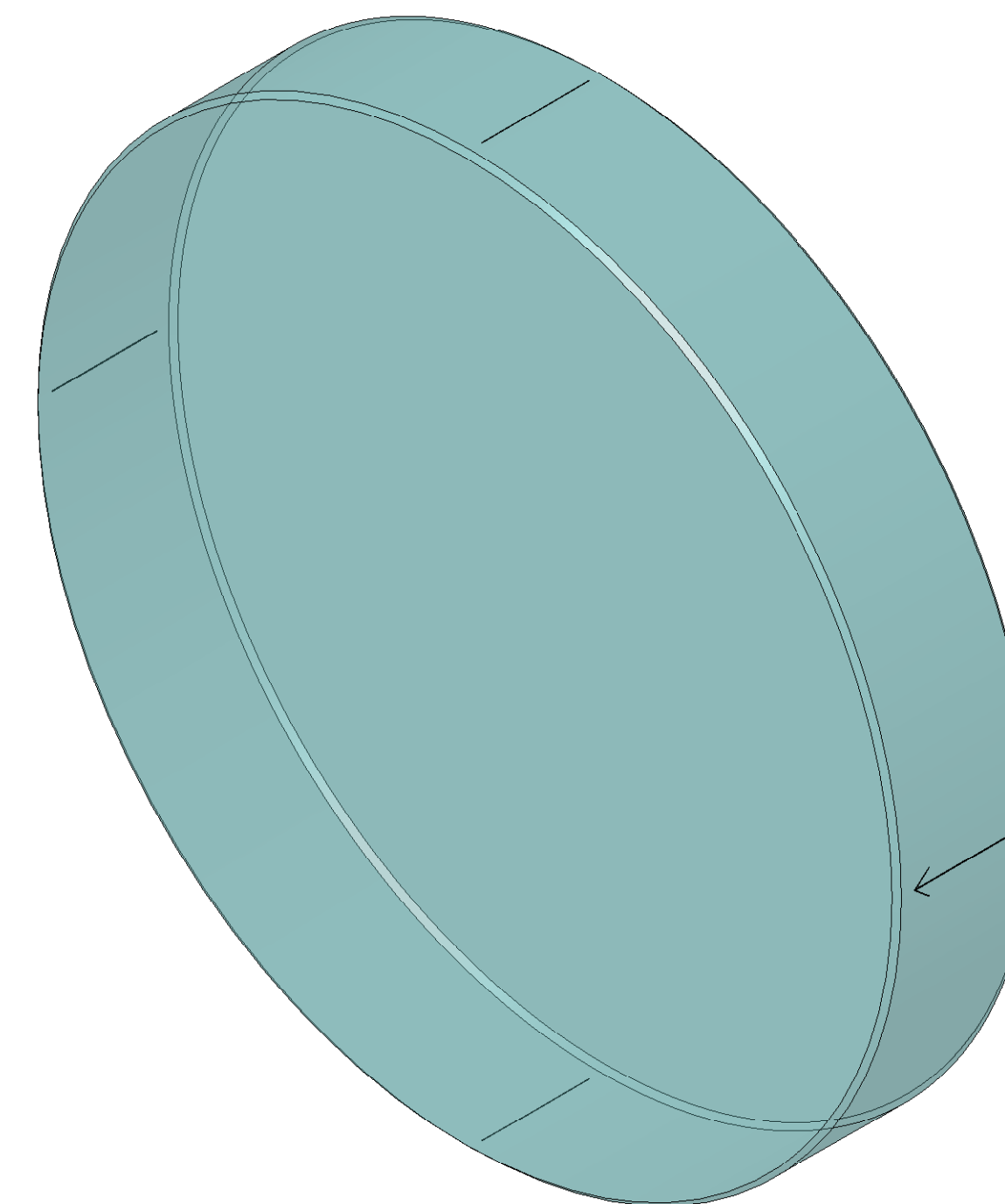
POLISH SURFACE 'S2'  
 (SEE NOTE 4)

(90.0°)

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

ETCH OR GRIND REGISTRATION MARKS  
 0.25mm ± 0.05mm WIDE x 45mm ± 3mm LONG  
 MINIMUM LEGIBLE DEPTH LINE ALONG  $\phi$ , 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'.

2X, 2.0 ± 0.2 x 45° ± 5° CHAMFER,  
 ALL AROUND



MANUFACTURING NOTES:	
1.	DO NOT SCALE FROM DRAWING.
2.	INTERPRET DRAWING AS PER ANSI Y14.5M 1994.
3.	BARREL SIDE AND BEVEL POLISH PER E080514.
4.	FINISH SURFACES 'S1' AND 'S2' AS PER E080514.
5.	REFER TO E080514 FOR MORE INFORMATION ON SERIAL NUMBER.
6.	APPLY COATING PER E0900073.

PARTS LIST	
NOTES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN MILLIMETERS (mm)	
TOLERANCES:	
.X ± 0.1	
.XX ± 0.05	
ANGULAR ± 0.1 °	
MATERIAL:	
REF E080035-v1	
FINISH	SEE NOTES
DRAWN	C. TORRE 4/10/08
CHECKED	J. HONE 10/10/08
CHECKED	D. COYNE 10/10/08
APPROVED	D. COYNE 10/10/08

NAME	DATE	SIZE	DWG. NO.	REV.
C. TORRE	4/10/08	D	D080660	v3

SCALE: 1:2 PROJECTION: SHEET 1 OF 1