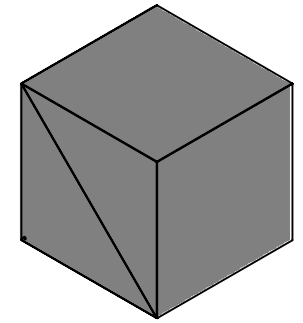
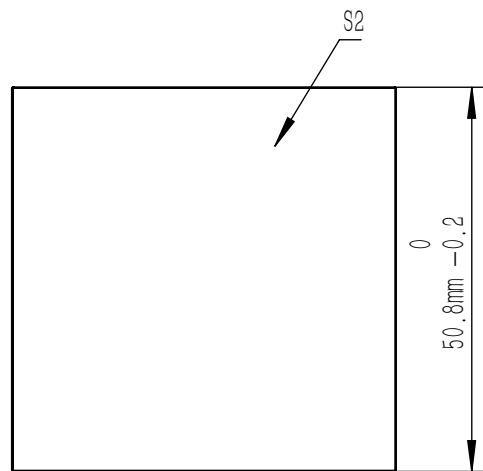


SPLITTING COATING(BEVEL FACE IN THE TRIANGULAR PRISM WITH DOT)



SCALE 1: 2

NOTES

1. CLEAR APERTURE: 80% CA
2. AR COATING(S1, S2, S3, S4): $R_{avg} < 0.5\%$ @ 400 nm-700 nm (6° AOI, SINGLE SURFACE)
3. DIAMETER TOLERANCE: +0.0/-0.2 mm
4. ANGLE TOLERANCE: $\pm 5'$
5. COATING(S5): SPLITTING COATING
 $T_{abs} = (47 \pm 10)\%$, $R_{abs} = (47 \pm 10)\%$, $T_{abs} + R_{abs} > 85\%$
 $|T_s - T_p| < 10\%$, $|R_s - R_p| < 10\%$
6. GLUED(S5, S6): NOA61
7. SPLIT RATIO(R:T): 50:50
8. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
9. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
10. SURFACE QUALITY(S1, S2, S3, S4): 40/20(S/D)
11. WAVEFRONT ERROR: $\lambda/4$ @ 633 nm
12. SURFACE FLATNESS(S1, S2, S3, S4): $\lambda/4$ @ 633 nm
13. OTHER SURFACES: FINE GROUND
14. CHAMFER: 0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
NAME	DATE					
DRAWN	LZHOU	Aug./12th/24	BEAM SPLITTER L=50.8 mm, R:T=50:50@400 nm-700 nm			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	329 g	1:1	A