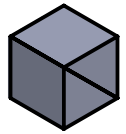
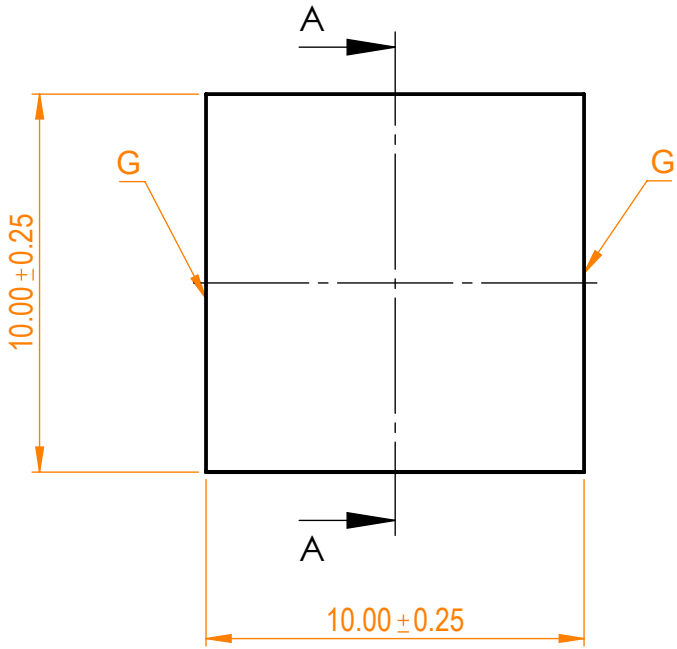
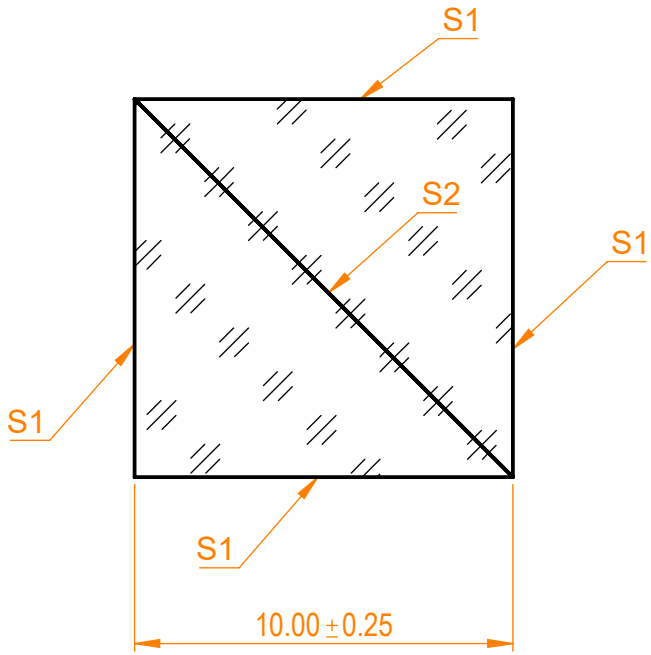
NOTES:
1. Material: N-BK7;
2. G - Fine ground surface;
3. All dimensions are in mm;
4. Protective chamfers: 0.3 mm x 45°;
5. Beam deviation: <5 arcmin;
6. Absorption: <10%;
7. Reflection/Transmission ratio: 50/50 ±5% at @450-700nm;
8. Typical damage threshold: >0.1 J/cm$^2$ at @1064nm, 10Hz;



Isometric view 1:1




A-A




Specifications are subject to change without notice
Dimensions are for reference only

| Parameters | | |
|---|---|---|
| | S1 | S2 |
| Shape | Plano | Plano |
| Surface flatness | λ/4 @633nm | λ/4 @633nm |
| Surface quality | 40-20 s/d | 40-20 s/d |
| Clear aperture | >80% | >80% |
| Coating | AR<1% @450-700nm | $T_{p,s}$= 45 ±5% @450-700nm |

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www.eksmaoptics.com

NPBC beamsplitter, H=L=T=10 mm

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| | Name | Date | Part number | Rev. | Scale |
|---|---|---|---|---|---|
| Approved | A.K. | 2020.12.14 | 351-0107 | A | 5:1 |
| Drawn | V.S. | 2020.12.14 | | | |