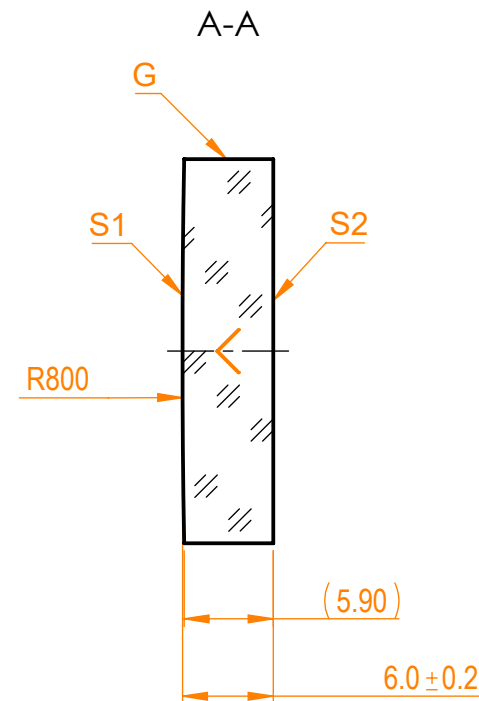
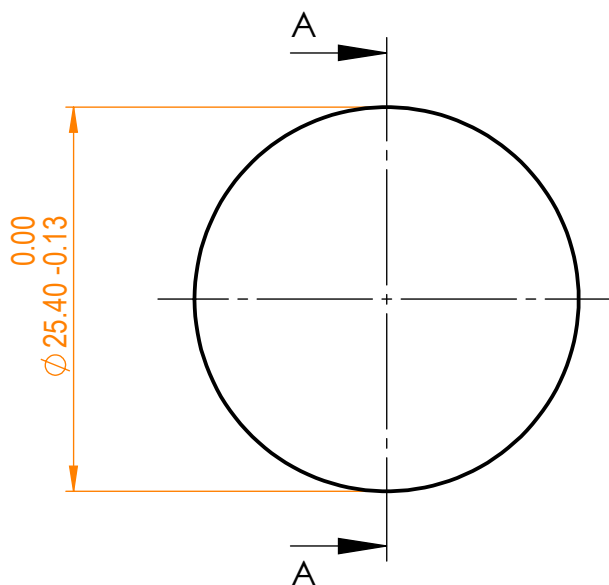


# NOTES:

1. Material: N-BK7;
2. G - Fine ground surface;
3. All dimensions are in mm;
4. Wedge: <3 min;
5. Protective chamfers: 0.3 mm x 45°;
6. Group delay dispersion: <|5fs<sup>2</sup>|;
7. Laser Induced Damage Threshold: > 0.25 J/cm<sup>2</sup> at @800nm, 100Hz, 100fsec pulses;



Isometric view 1:2



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

## Parameters

|                     | S1                                                          | S2               |
|---------------------|-------------------------------------------------------------|------------------|
| Shape               | Convex                                                      | Plano            |
| Radius of curvature | 800                                                         | Infinity         |
| Surface flatness    | $\lambda/10$ @633nm                                         | $\lambda$ @633nm |
| Surface quality     | 40-20 s/d                                                   | 80-50 s/d        |
| Clear aperture      | >90%                                                        | >90%             |
| Coating             | Enhanced silver<br>R>98.5% @600-1100nm,<br>R>99% @700-900nm | Uncoated         |



N-BK7 pl/cx mirror, D=25.4 mm, T=6 mm

| Proprietary                                                                                                                                                       |          | Name | Date       | Part number    | Rev. | Scale |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|----------------|------|-------|
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|                                                                                                                                                                   | Drawn    | V.S. | 2020.11.16 |                |      |       |