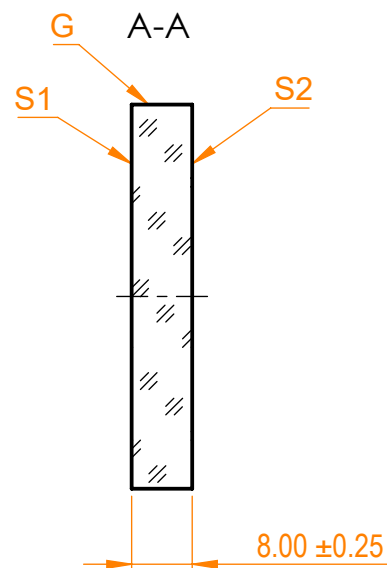
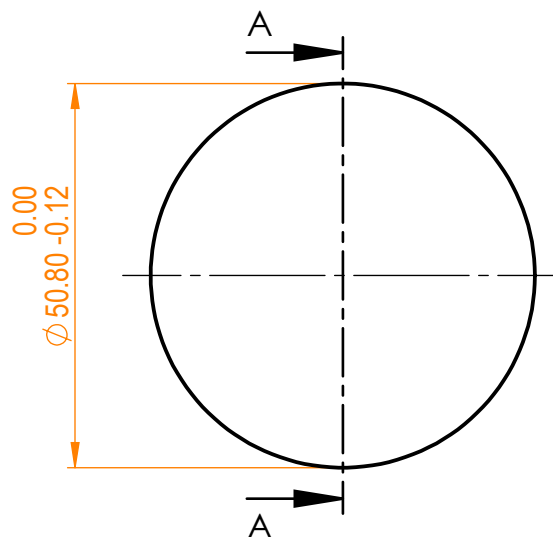


# NOTES:

1. Material: UVFS;
2. Wedge: <30 arcsec;
3. LDT: >50 mJ/cm<sup>2</sup>, 50 fsec, 100Hz, 1030 nm;
4. Coating adhesion and durability: MIL-C-675A;
5. G - Fine ground surface;
6. All dimensions are in mm;



Isometric view 1:5



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

## Parameters

|                     | S1                                     | S2                            |
|---------------------|----------------------------------------|-------------------------------|
| Shape               | Plano                                  | Plano                         |
| Surface quality     | 20-10 s/d                              | 20-10 s/d                     |
| Surface flatness    | $\lambda/10$ @632.8 nm                 | $\lambda/10$ @632.8 nm        |
| Protective chamfers | 0.2 - 0.3 mm x 45°                     | 0.2 - 0.3 mm x 45°            |
| Clear aperture      | ≥85%                                   | ≥85%                          |
| Coating             | Ravg=20±3% @400nm,<br>AOI=45°, Low GDD | ARavg<0.5% @400nm,<br>AOI=45° |



D=50.8 mm, Femtoline Laser Beamsplitter

| Proprietary                                                                                                                                                       |          | Name | Date       | Part number | Rev. | Scale |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|-------------|------|-------|
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|                                                                                                                                                                   | Drawn    | M.B. | 2020.12.22 |             |      |       |