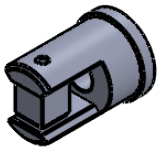
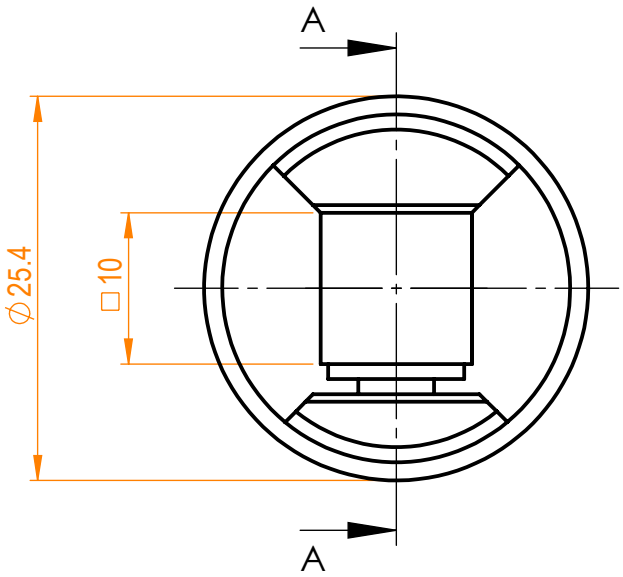
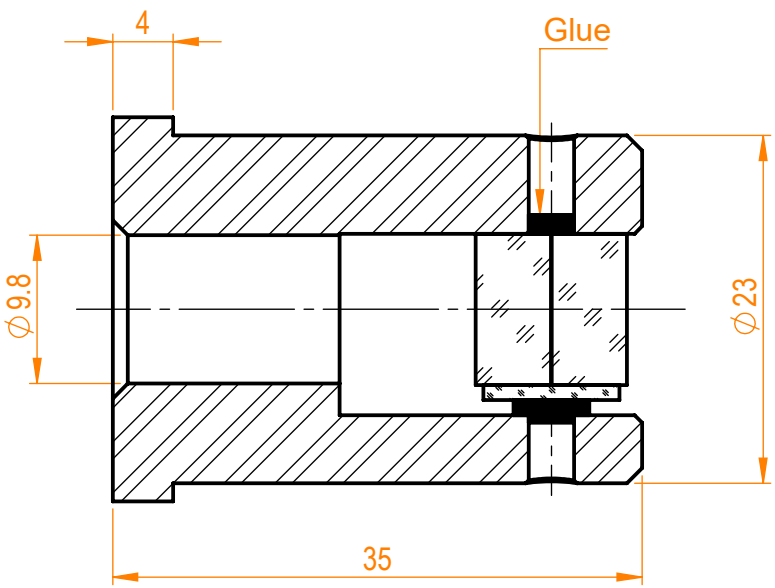
NOTES:
1. Material: N-BK7 (beamsplitter),
   Black anodized aluminium (housing);
2. All dimensions are in mm;
3. Protective chamfers: 0.3 mm x 45°;
4. Beam deviation: <5 arcmin;
5. Absorption: <10%;
6. Reflection/Transmission ratio: 50/50 ±5% at @450-700nm;
7. Typical damage threshold: >0.1 J/cm^2 at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



Isometric view 1:2



A-A



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

Parameters		
	All sides	Hypotenuse
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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NPBC beamsplitter, H=L=T=10 mm

Proprietary
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	Name	Date	Part number	Rev.	Scale
Approved	A.K.	2020.12.14	351-0107-M2Ps	A	2:1
Drawn	V.S.	2020.12.14			