

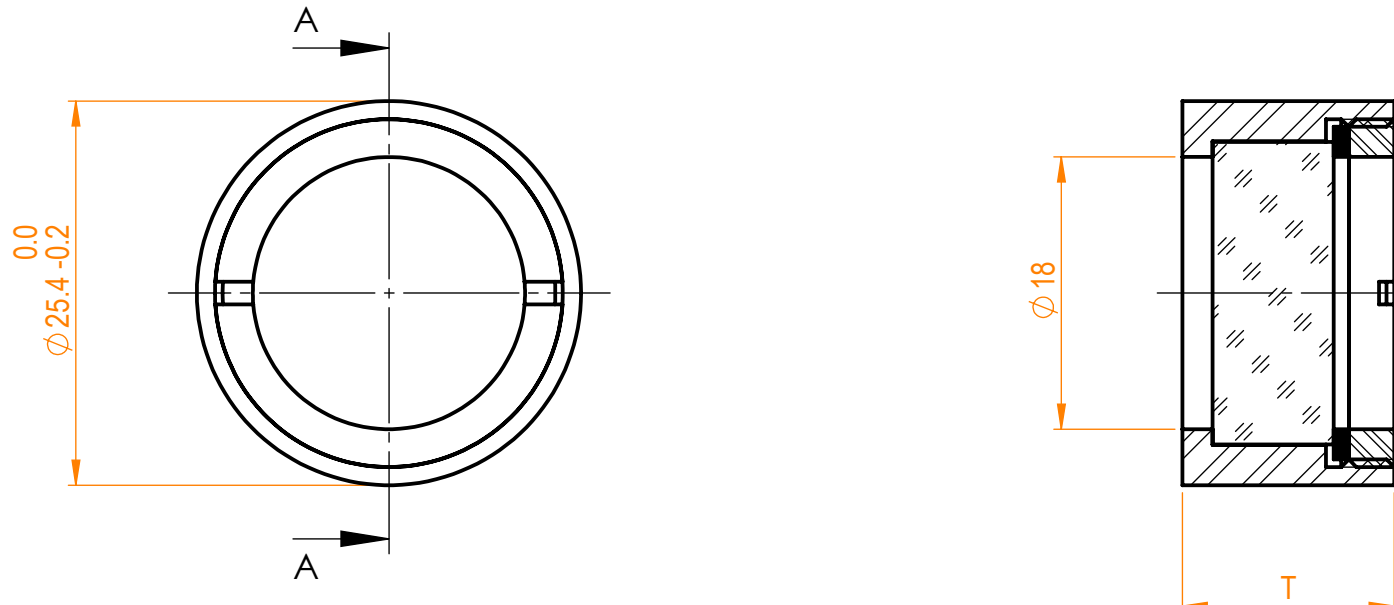
**NOTES:**

1. Material: Single crystal quartz (rotator),  
Black anodized aluminium (housing);
2. Thickness depends on wavelength and rotation angle;
3. All dimensions are in mm;
4. Protective chamfers: 0.5 mm x 45°;
5. Parallelism: <10 arcsec;
6. Opticsl axis: normal to faces S1, S2 of rotation;
7. Rotation angle of polarization plane: 45° at @400nm;
8. Laser damage threshold: 5 J/cm<sup>2</sup> at @1064nm, 10nsec pulses;




Isometric view 1:2

A-A



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

Parameters				 info@eksmaoptics.com www.eksmaoptics.com		PP rotator, D=25.4 mm			
	S1	S2				Name	Date	Part number	Rev.
Shape	Plano	Plano	Proprietary						
Surface flatness	$\lambda/10$ @633nm	$\lambda/10$ @633nm	The information in this drawing is property of EKSMA Optics. Any reproduction in part or as a whole without the written permission of EKSMA Optics is prohibited.	Approved	A.K.	2021.04.28	470-4044	A	2:1
Surface quality	20-10 s/d	20-10 s/d		Drawn	V.S.	2021.04.28			
Clear aperture	>90%	>90%							
Coating	AR<0.2%, AOI=0°	AR<0.2%, AOI=0°							