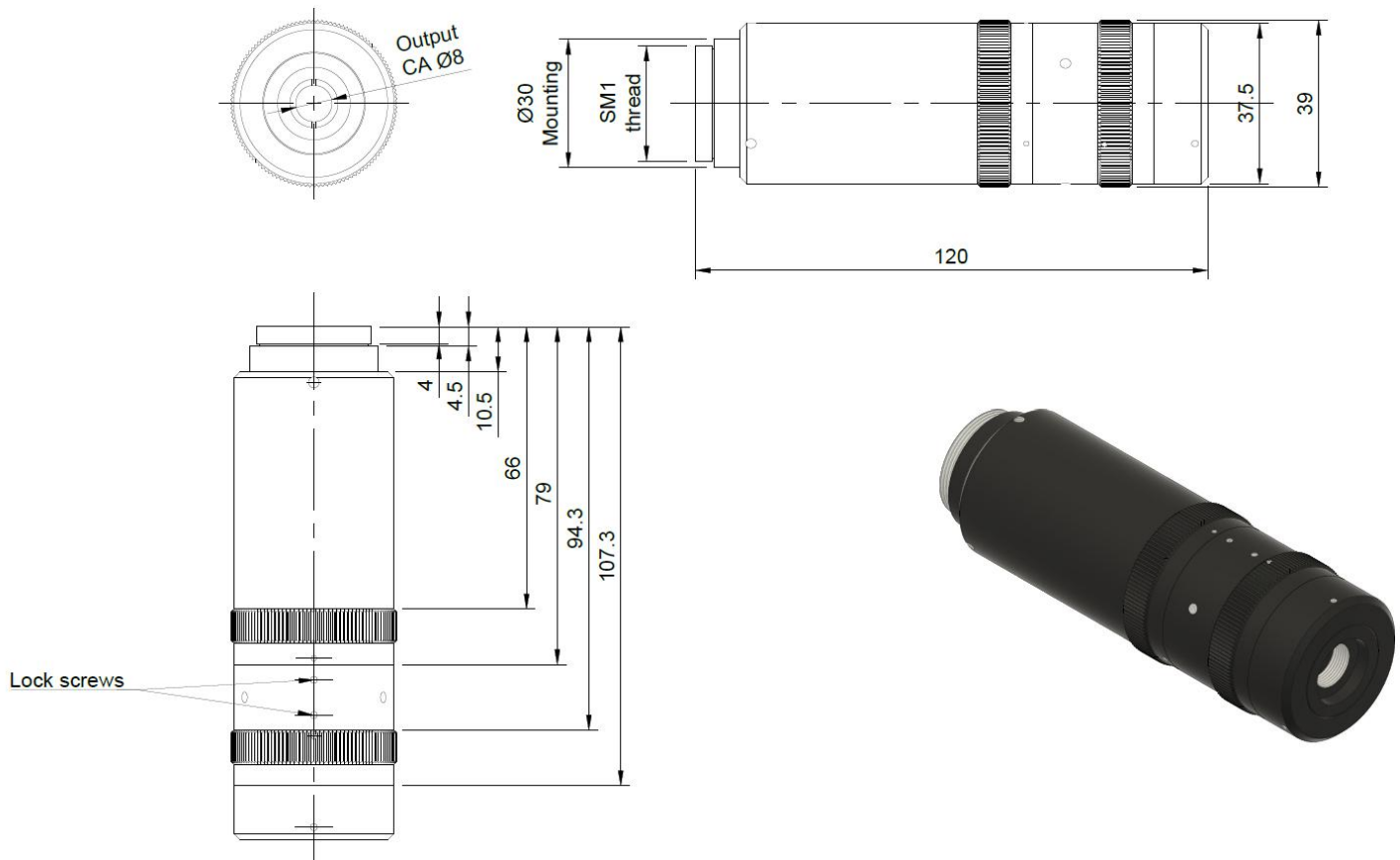




Variable beam reducers

FEATURES	APPLICATIONS
Motorized or manual adjustment Compact design High beam pointing stability Adjustable divergence	Laser Micromachining Lidar Systems Collimation of Lasers and Harmonics Optical instrumentation

LASER BEAM REDUCERS AND BEAM DELIVERY SYSTEMS



Laser beam reducers and beam delivery systems

MODEL	TRE13	TRE13SH	TRE13TH
DESIGN WAVELENGTH	1020 - 1070 nm	510 - 540 nm	343 - 355 nm
REDUCTION FACTOR	1-3 continuous		
ADJUSTMENT	Manual		
DIVERGENCE ADJUSTABLE	Yes		
POINTING STABILITY	< 1 mrad		
CLEAR INPUT APERTURE	10,5 mm		
CLEAR OUTPUT APERTURE	8 mm		
TOTAL NUMBER OF LENSES	3		
TOTAL TRANSMISSION	97 %		
LENS MATERIAL	fused silica		
LIDT (COATING)	10 [J/cm ²] (10ns @ 1064 nm)	5 [J/cm ²] (10ns @ 1064 nm)	
MECHANICAL LENGTH	120 mm		
MOUNTING THREAD	SM1		