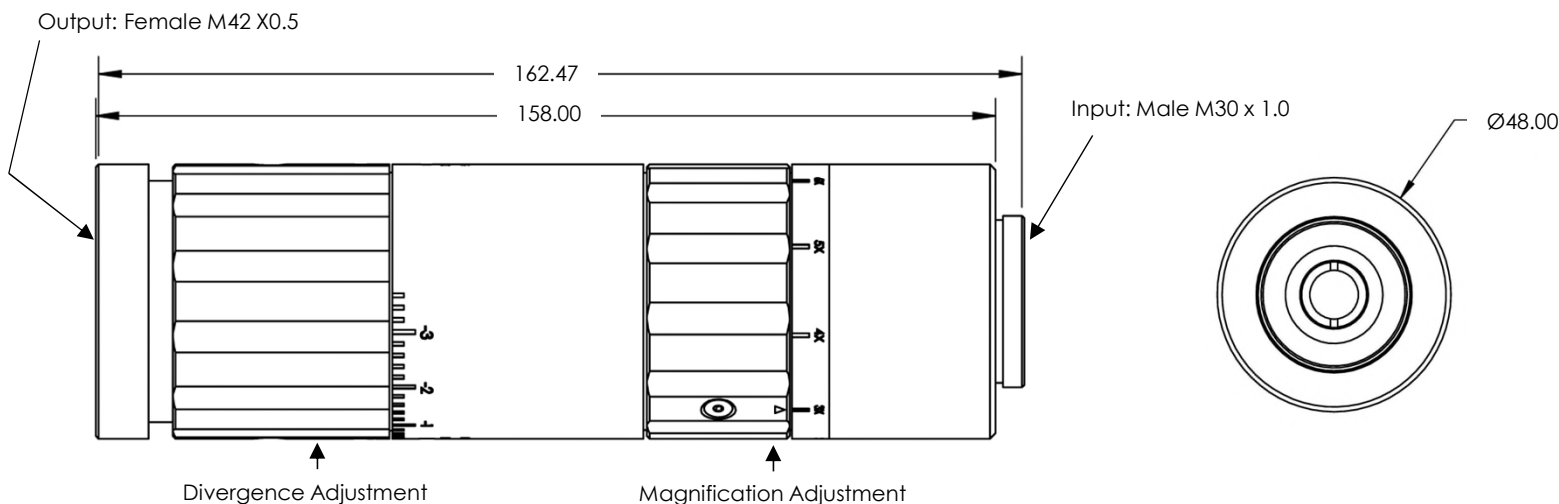




Specifications

Coating:	Laser V-Coat (1064nm)	Design Wavelength DWL (mm):	1064
Entrance Aperture (mm):	14.5	Exit Aperture (mm):	30
Expansion Power:	2X – 8X	Substrate:	Fused Silica (Corning 7980)
Length (mm):	157.500 (without end caps)	Mounting Threads:	Input: Male M30 x1.0 Output: Female M42 X 0.5
Transmission (%):	>97.5 @DWL	Type:	Beam Expander
Housing Diameter (mm):	48	Transmitted Wavefront, P-V:	< $\lambda/10$ for Input Beam 3.5mm (2X-6X) < $\lambda/10$ for Input Beam 2mm (2X-8X)
Coating Specification:	$R_{abs} < 0.25\%$ @ 1063 – 1065nm $R_{avg} < 0.25\%$ @ 1030 - 1100nm	Damage Threshold, By Design:	10 J/cm ² @ 10ns, 20 Hz @ 1064nm (>3x) 5 J/cm ² @ 10ns, 20 Hz @ 532nm (2–3x)
Style:	Variable Magnification	Wavelength Range (nm):	1030 - 1100
Divergence Adjustment:	Non-Rotating Optics	Pointing Accuracy (mrad):	< 1

Mechanical Specifications



Coating Specifications

TECHSPEC® Laser Line 1064nm V-Coat

