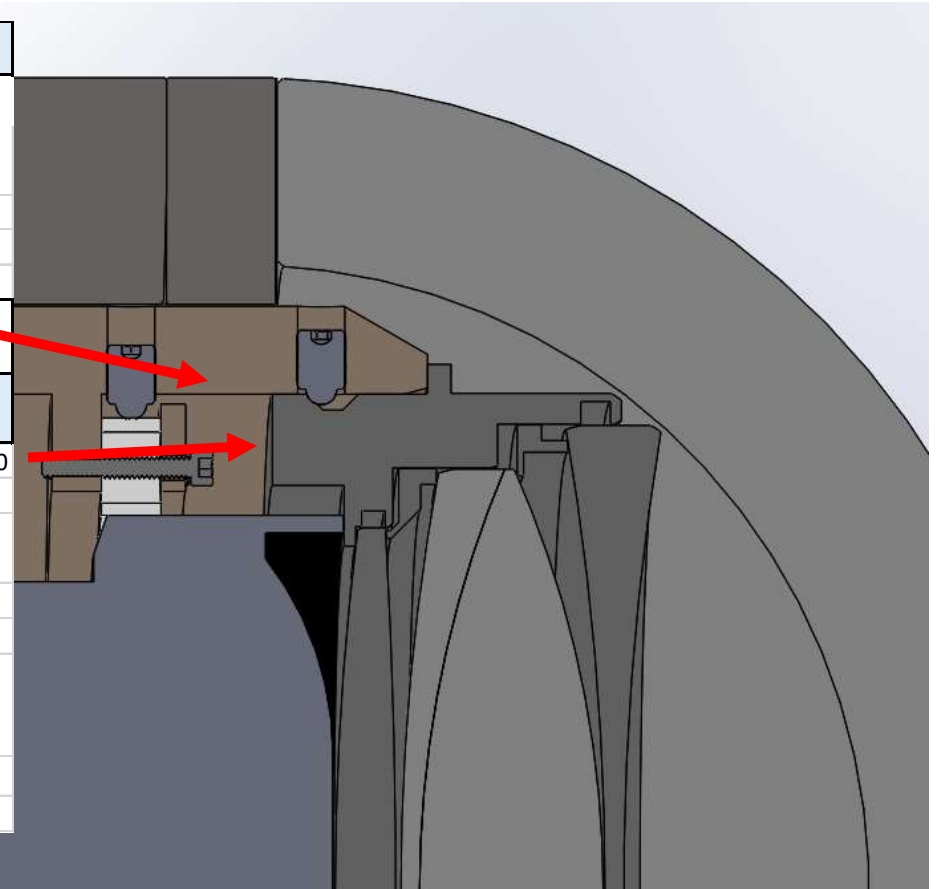


Alignment cone to optical adapter clearance

Camera Chassis Alignment Cone to Optical Adapter Cell					
MBARI Alignment Cone I.D. IN INCHES					
ID Nominal	Tolerance min.	Tolerance max.			
5.001	0.000	0.002			
Size range	5.001	5.003			
Adapter Cell O.D. IN INCHES			Adapter Cell O.D. MILLIMETERS +.00/- .03mm		
OD Nominal	Tolerance min.	Tolerance max.	OD Nominal	Tolerance min.	Tolerance max.
5.000	4.999	5.000	127.000	126.970	127.000
Radial clearances (INCHES)	Worst case minimum	Worst case maximum			
Cone to adapter	0.0005	0.0021	inches		
Worst case fit mechanical tilt (note: tilt controlled by flange runout, not bore clearance).		0.150	Degrees		
Worst case XY decenter		0.002	inches		
		0.053	millimeters		



August 27, 2020