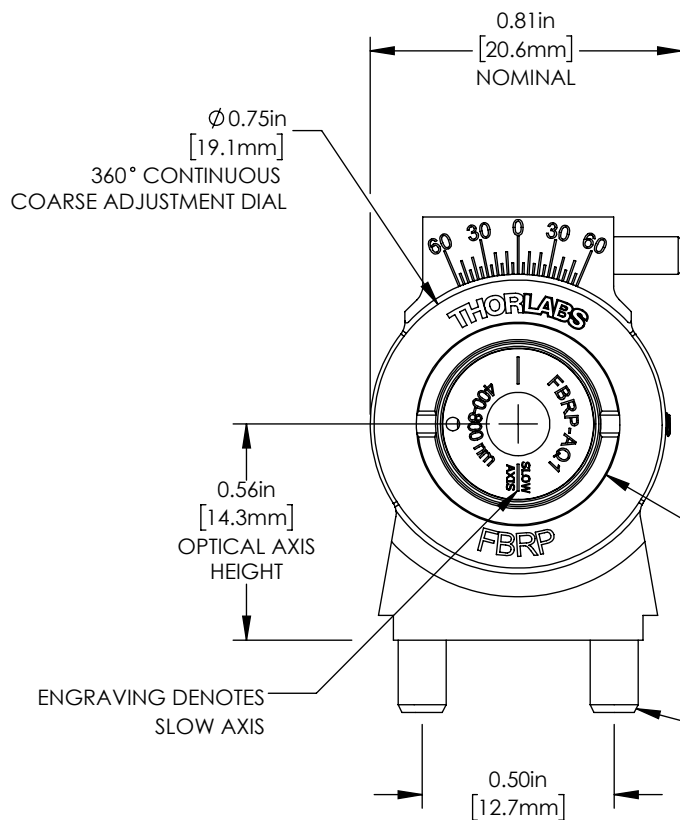


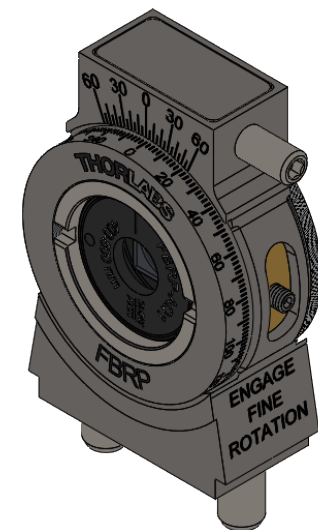
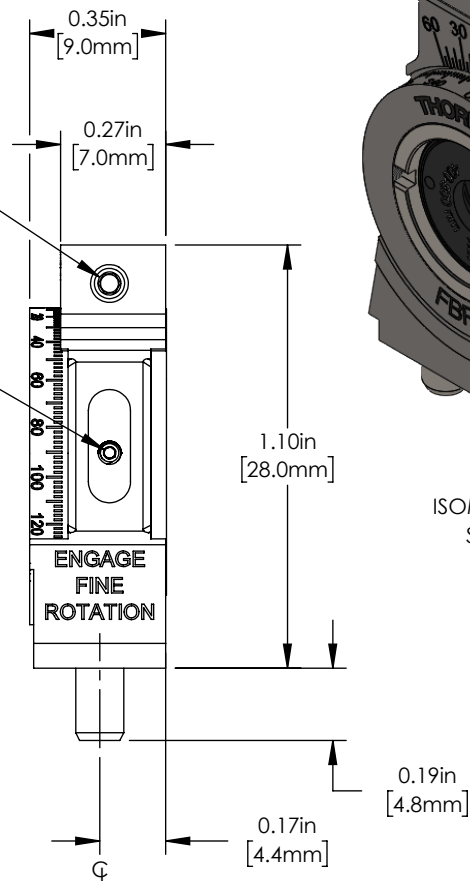


M2.5 x 0.2 FINE ADJUSTER SCREW
PROVIDES FINE ROTATION ADJUSTMENT
HEX SIZE 0.050" [1.3mm]

0-80 SCREW, TIGHTEN TO ENGAGE
FINE ROTATION ADJUSTMENT
HEX SIZE 0.028" [0.7mm]

SM05 (0.535"-40 UNS-2B) SERIES MOUNTING HOLE
HOLDS Ø 0.50in [Ø 12.7mm] OPTICS
UP TO 0.17in [4mm] THICK

Ø 0.125in [Ø 3.2mm] DOWEL PINS FOR
FIBER BENCH ASSEMBLY



ISOMETRIC VIEW
SCALE 2:1

BEAM DEVIATION	<10 arcsec
SURFACE QUALITY	20-10 Scratch-Dig
MATERIAL	Crystal Quartz and MgF ₂
CLEAR APERTURE	Ø4 mm (Ø0.16")
AR COATING RANGE	400 - 800 nm
REFLECTANCE	Ravg < 0.5% Per Surface
DAMAGE THRESHOLD	5 J/cm ² (532 nm, 10 ns, 10 Hz, Ø0.489 mm)
RETARDANCE ACCURACY	λ/59
TRANSMITTED WAVEFRONT ERROR	λ/8 @ 633 nm

INCLUDED BUT NOT SHOWN:
0.050in [1.3mm] HEX KEY
0.028in [0.7mm] HEX KEY

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION				THORLABS www.thorlabs.com	
	NAME	DATE		PRECISION ROTATING ACHROMATIC 1/4 WAVE PLATE MODULE 400-800 nm	
DRAWN	ES	9/APR/21		MATERIAL	
APPROVAL	BR	13/APR/21		N/A	
COPYRIGHT © 2021 BY THORLABS				REV B	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				ITEM #	APPROX WEIGHT
				FBRP-AQ1	5.2 g