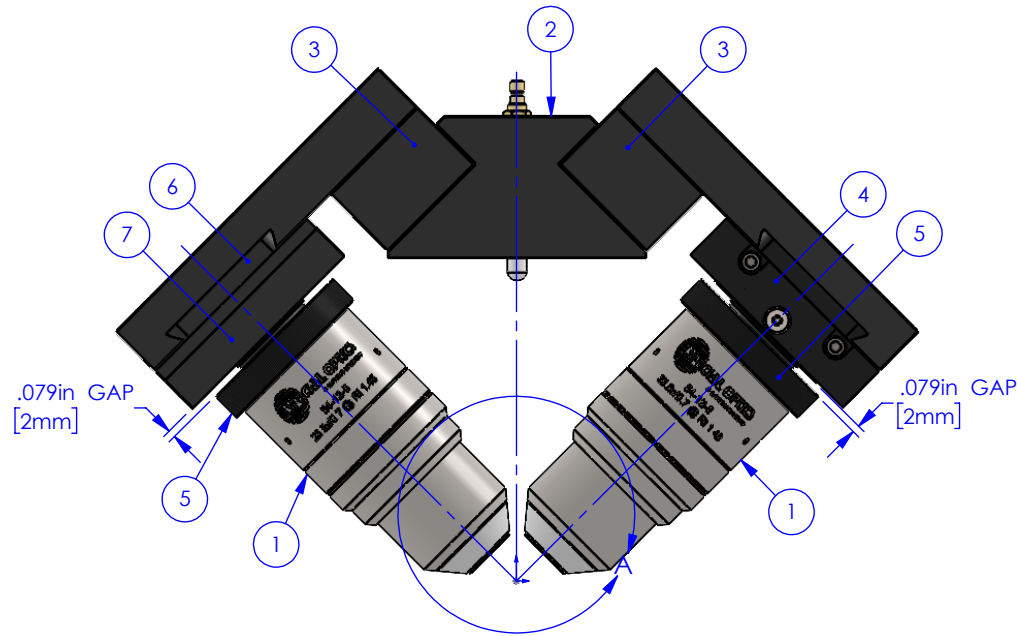
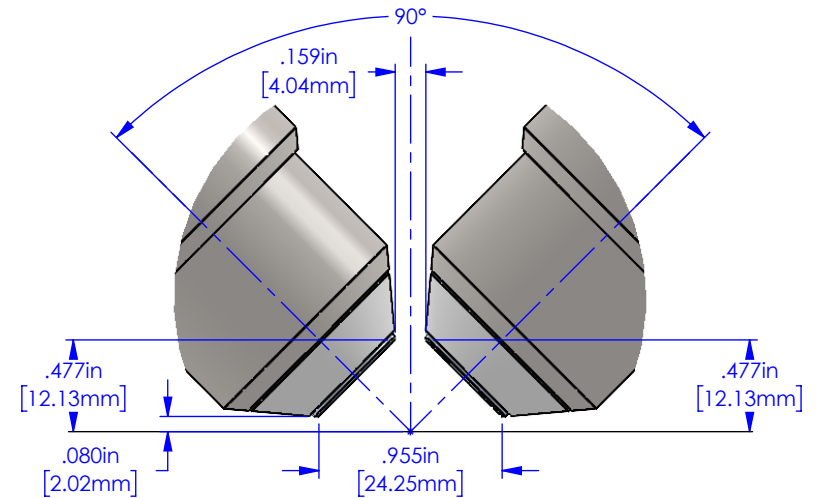



# OBJECTIVE DRAWING 54-12-8 with 54-12-8



DETAIL A  
SCALE 1 : 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1-29478 (54-12-8 at 480-1000nm) REV A Objective	Multi-immersion objective, 10mm WD, NA 0.7 @ RI 1.45, EFL 8.4mm @ RI 1.45. Designed RI range 1.33 to 1.56, 83mm parfocal distance, M25 threads. Standard wavelength coating 480-1000nm.	2
2	RAO-ADJ	Modular SPIM objective pair 90 degree bracket with dovetail fittings and white LEDs. Includes RAO-ADJ-01 and qty 2 RAO-ADJ-02 plus hardware. RAO-ADJ-x spacers can be added as needed, RAO-ADJ-01 is 14.6 mm thick axially.	1
3	RAO-ADJ-10 - .843 T - 54-12-8 with LP OBJECTIVE SPACER	RAO-ADJ spacer 0.843" thick, use with 83mm parfocal objective (54-12-8)	2
4	OBLPA	Transverse objective linear positioner assembly (includes male dovetail)	1
5	RAO-0004L - LARGER O.D. JAM BUSHING ASSEMBLY	Objective bushing for M25 objectives, with Teflon inserts. 8mm thickness. Adapts from M25 to M25, M26, RMS, or M32 (M25 standard).	2
6	DVOBJ	Dovetail (male) for use with fixed spacers with through-hole, 3.5mm thick	1
7	DLPS-02 - LP REPLACEMENT SPACER	Spacer to replace transverse linear positioner (OBLPA) on other side of SPIM head. Use with DVOBJ. M25 threads, 10.5mm thick	1

 <b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APPLIED SCIENTIFIC INSTRUMENTATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF APPLIED SCIENTIFIC INSTRUMENTATION IS PROHIBITED.	APPLIED SCIENTIFIC INSTRUMENTATION 29391 W ENID RD EUGENE, OR 97402-9533 PHONE: (541)461-8181 FAX: (541)461-4018		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .xx ± .01 .xxx ± .005 .xxxx ± .0002 FRACTIONS ± 1/32 ANGLES ± 1°		<b>DESCRIPTION</b> ASI OBJECTIVE 54-12-8 PAIRED WITH ASI OBJECTIVE 54-12-8	
	DRAWN BY/DATE M.ANTHONY 3/30/23	CHECKED BY/DATE J.DANIELS 3/30/23	SCALE 1:2	REV 0	MATERIAL -	DRAWING # 54-12-8 & 54-12-8