

Fluorescence Profile Monitor Optomechanics

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Overview





UV-Apochromat

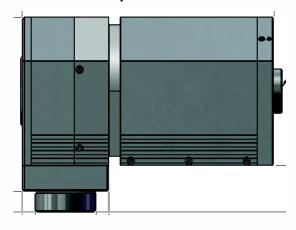


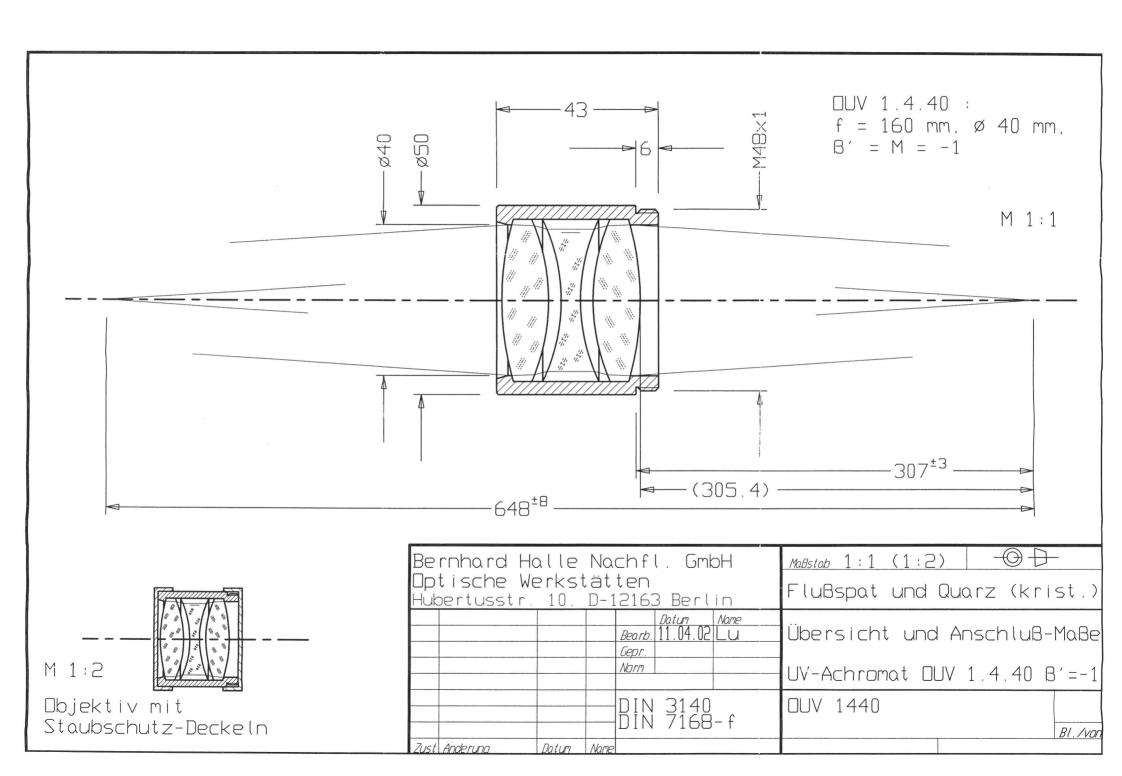
Image intensifier with lens relay

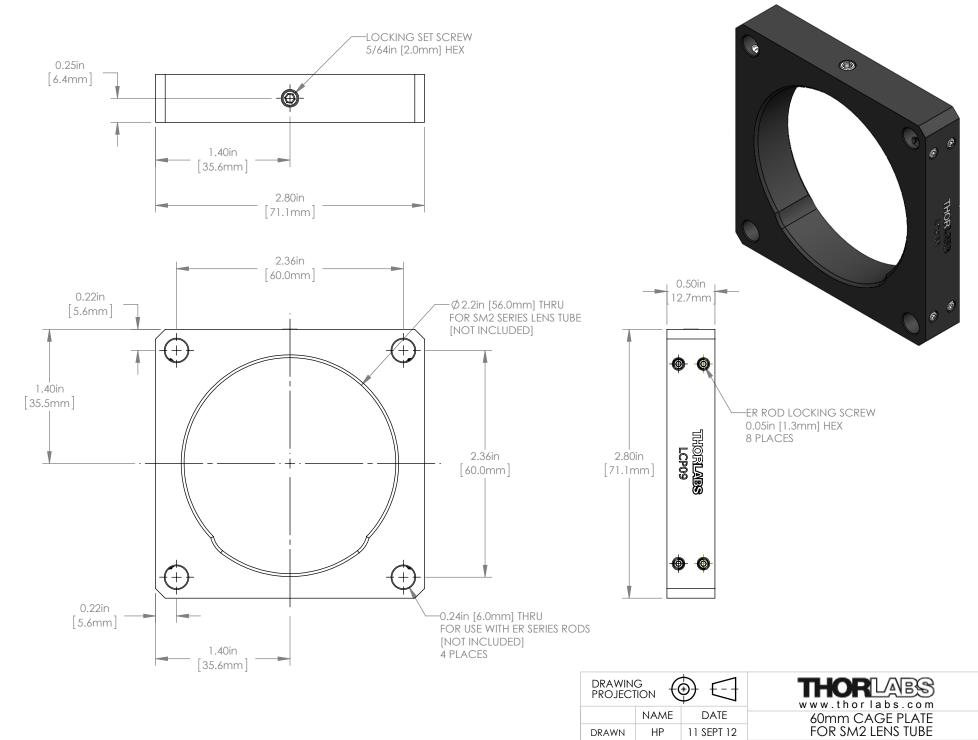


Cage system



C-mount CMOS camera





DRAWING
PROJECTION

NAME
DATE
DRAWN
HP
11 SEPT 12
APPROVAL
TLB
11 SEPT 12
COPYRIGHT © 2012 BY THORLABS
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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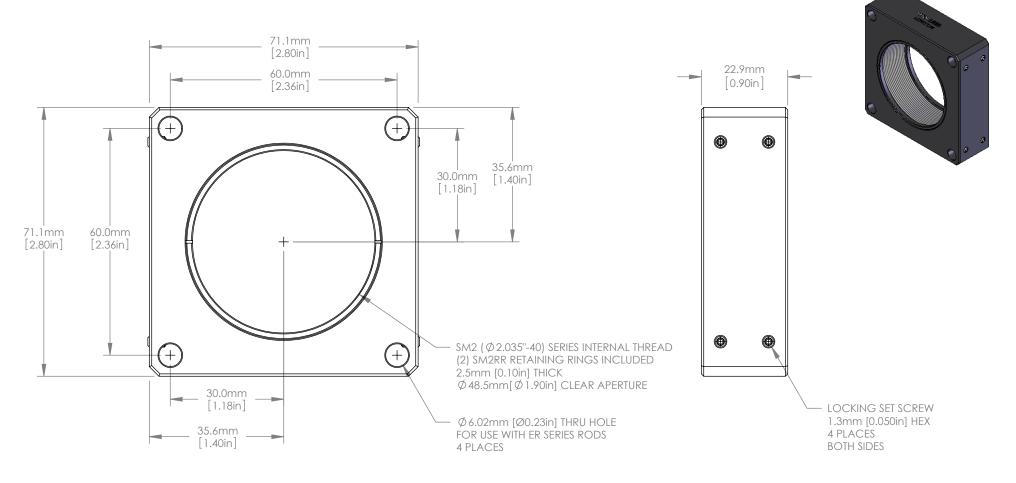
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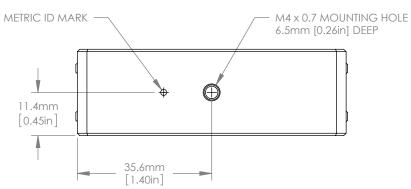
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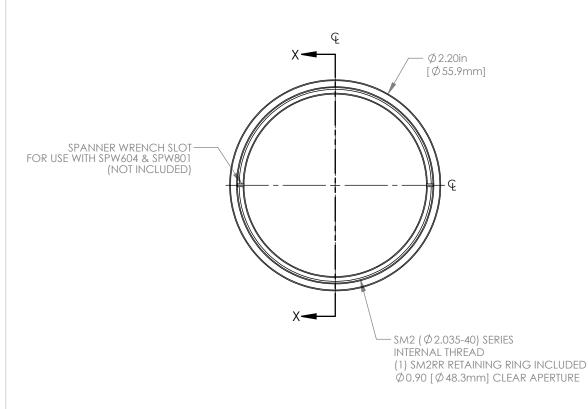
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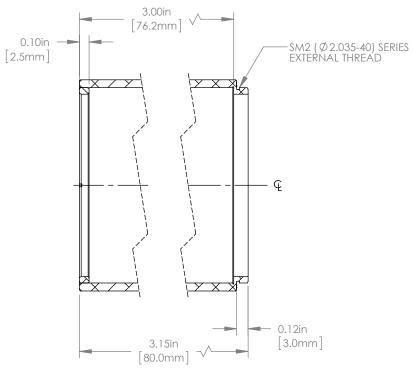




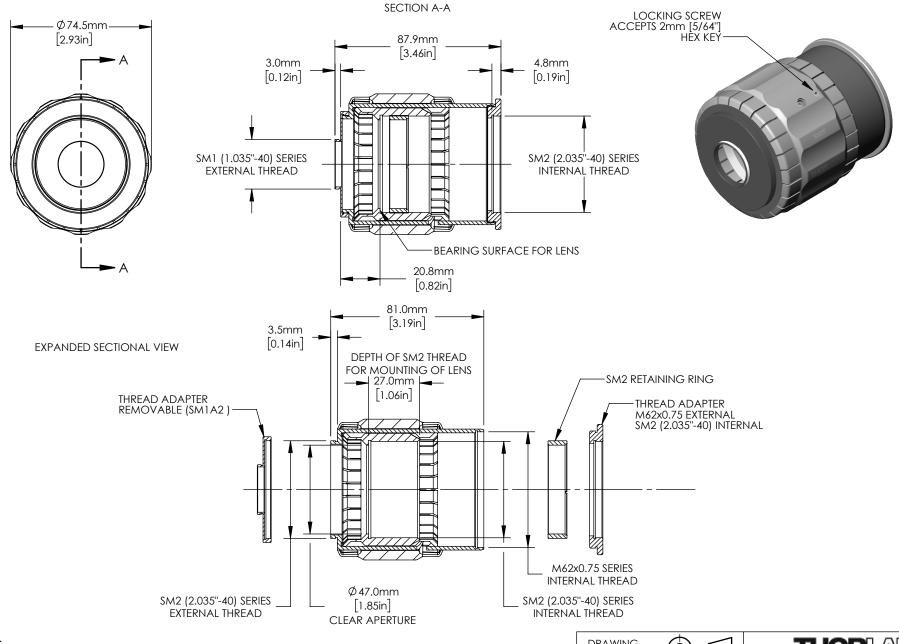
DRAWING PROJECT		→	THOR LABS		
	NAME	DATE	SM2 THREADEL		
DRAWN	BM	08/AUG/10	METRIC CAGE PLATE		
APPROVAL	TC	08/AUG/10	MATERIAL		REV
COPYRIGHT © 2012 BY THORLABS			ALUMINUM C		С
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS			LCP01T/M	APPROX WE 0.17k	GHT G







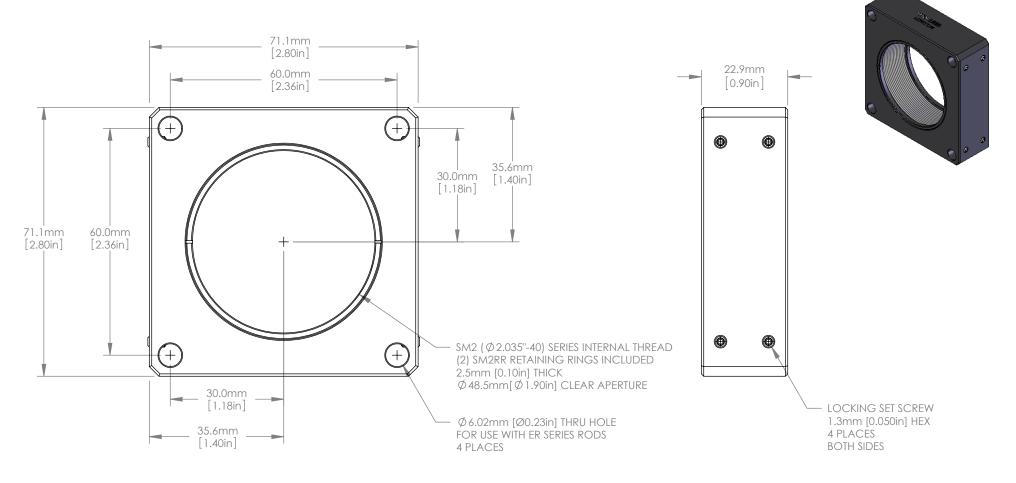


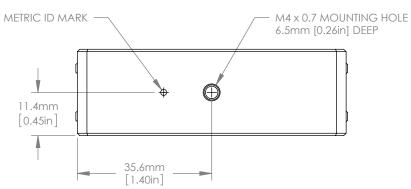


NOTES:

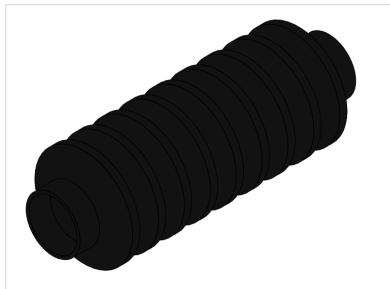
- 1. ADJUSTMENT RANGE 20mm [0.79in]
 2. INCLUDED RETAINING RING: SM2 (2.035"-40) EXTERNAL THREAD, 10mm [0.39in] THICK
 3. RECOMMENDED SPANNER WRENCH SPW604

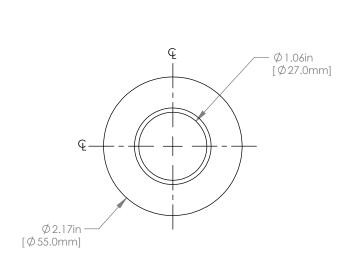
DRAWING PROJECTION			THORLABS www.thorlabs.com		
	NAME	DATE	ADJUSTABLE COLLIMATION		
DRAWN	Hit.	06/JUN/16	OPTIC FOR 2" LENSES		
APPROVAL	KB	06/JUN/16	MATERIAL		
COPYRIGHT © 2016 BY THORLABS		Y THORLABS	N/A	Α	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS			ITEM # APPROX WE O.20 k	IGHT	

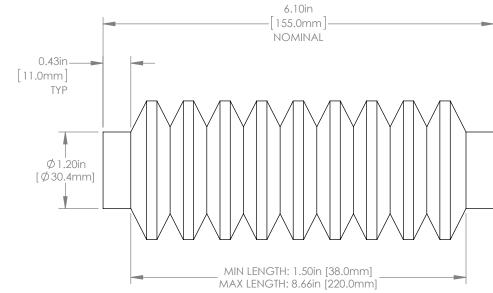




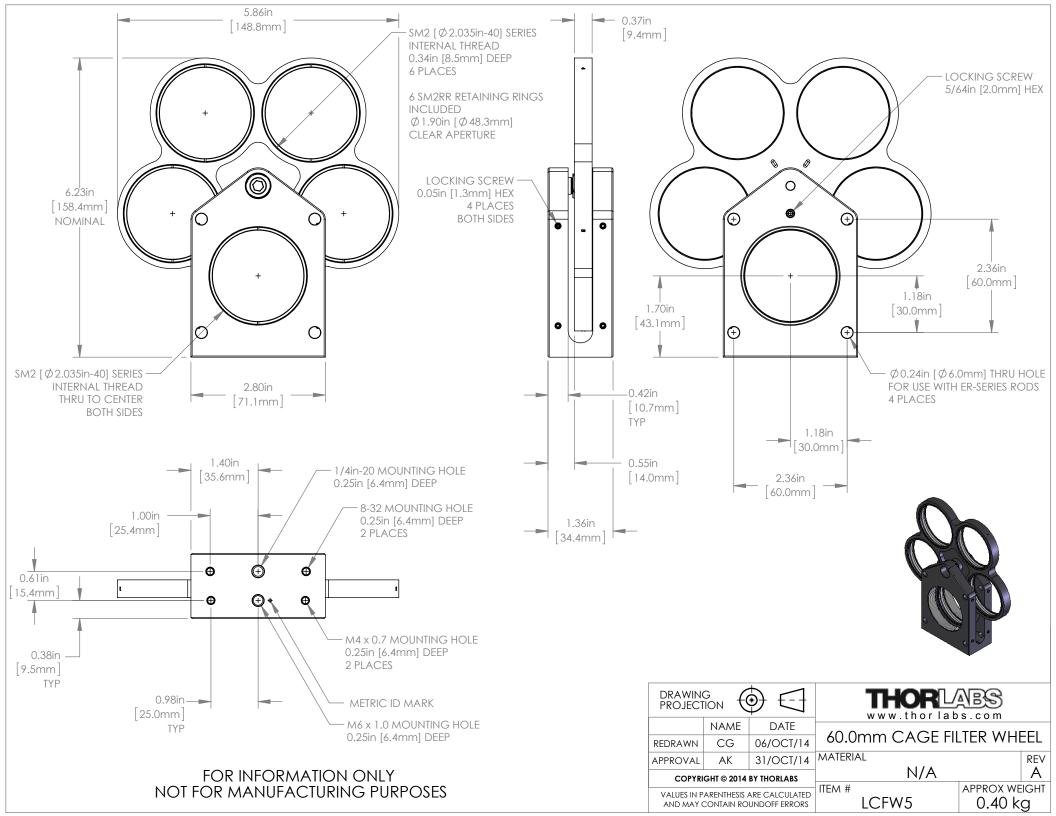
DRAWING PROJECT		→	THOR LABS		
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DRAWN	BM	08/AUG/10	METRIC CAGE PLATE		
APPROVAL	TC	08/AUG/10	MATERIAL		REV
COPYRIGHT © 2012 BY THORLABS			ALUMINUM C		С
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS			LCP01T/M	APPROX WE 0.17k	GHT G

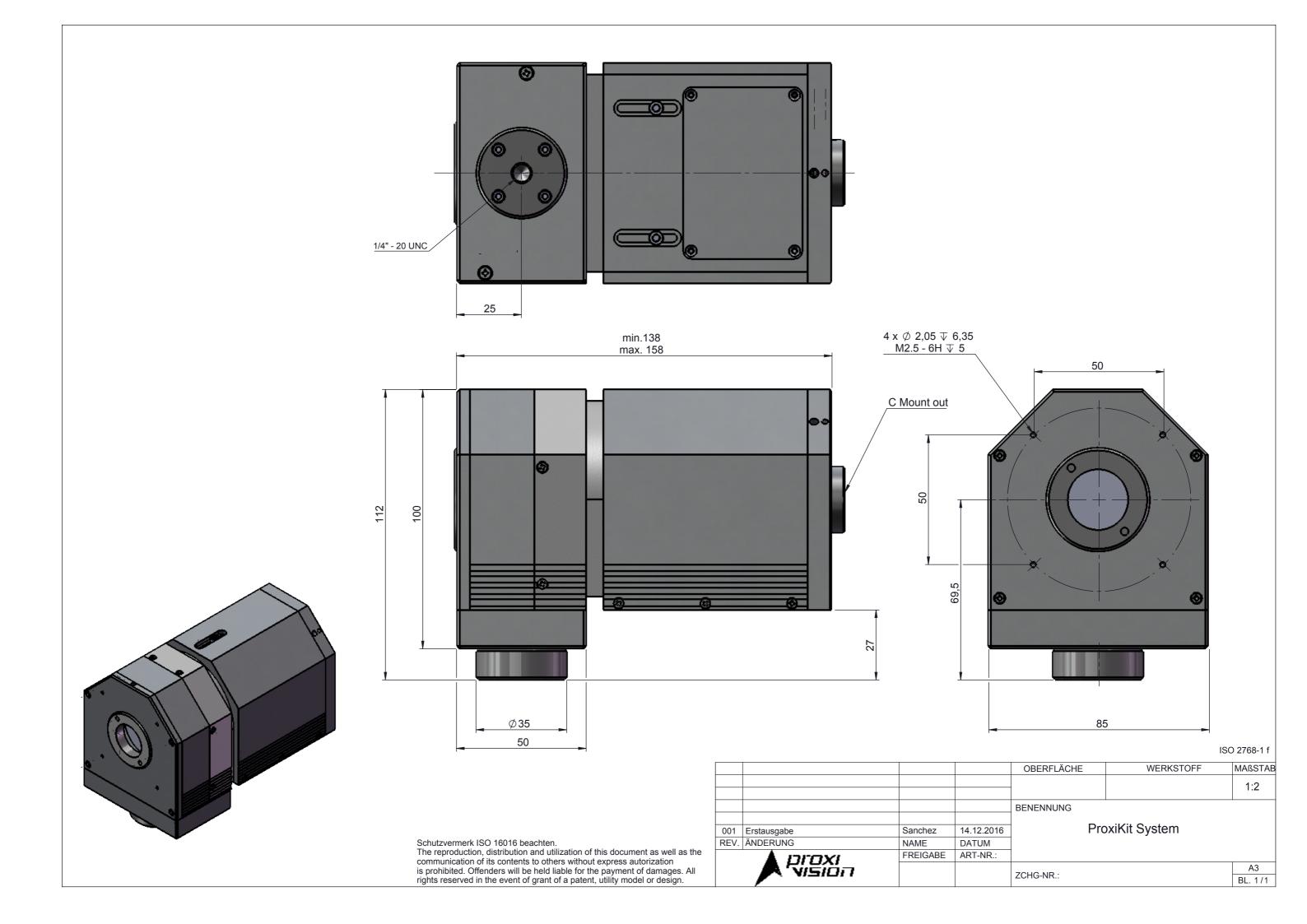


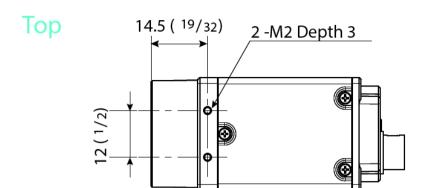




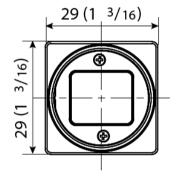
DRAWING PROJECTION			THORLARS www.thorlabs.com		
	NAME	DATE			IDE
REDRAWN	AK	11/JUL/14	BELLOWS FOR SM1 LENS TU		
APPROVAL	CS	07/MAY/13	MATERIAL		REV
COPYRIGHT © 2014 BY THORLABS			RUBBER		В
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS			ITEM # SM1B3	O.07 k	ight g



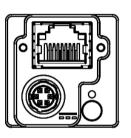


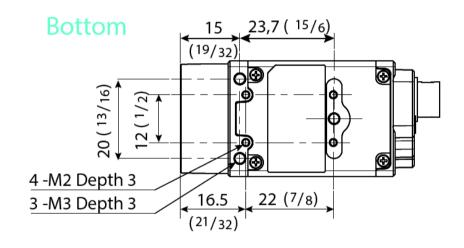


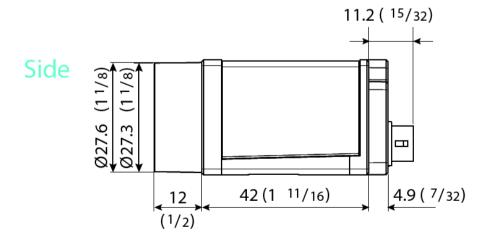
Front



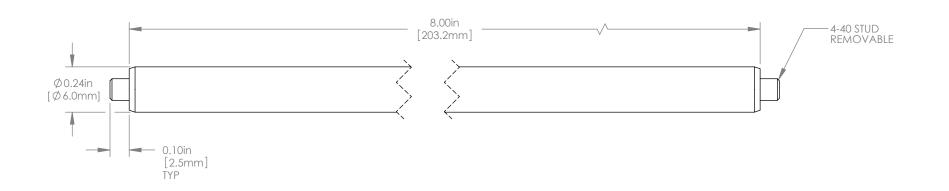
Rear

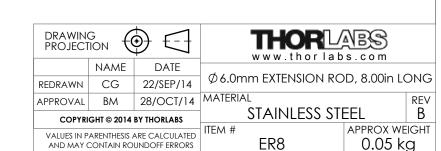






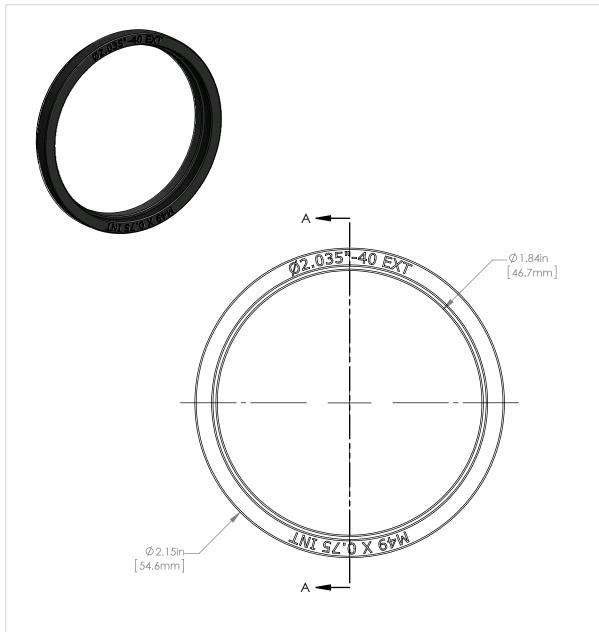


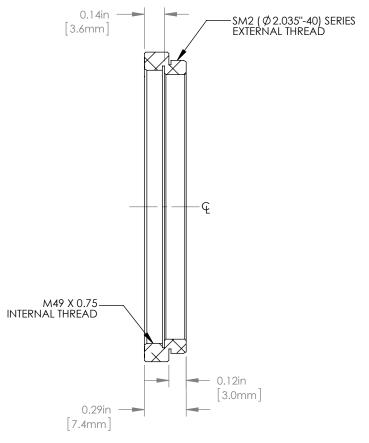




ER8

0.05 kg





SECTION A-A

	DRAWING PROJECTION			THORLABS www.thorlabs.com		
		NAME	DATE	M49 X 0.75 TO SM2		
	DRAWN	TLB	19/JUL/12	THREAD ADAPTER		
1	APPROVAL	ВМ	24/JUL/12	MATERIAL		REV
	COPYRIGHT © 2012 BY THORLABS			ALUMINUM		Α
	VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS			ITEM # SM2A27	APPROX WE 0.01 k	ight (g