

TC 2M 16

Bi-Telecentric Lens for Large Detectors up to 1" (16 mm diagonal)

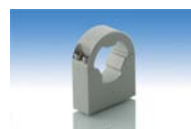


part number	TC 2M 16	
Magnification	0,769 +/- 3%	
Field Of View	(mm)	
with IBIS4-6600	13,7	x 10,0
with KAI2020	15,4	x 11,5
with KAI 2093	18,5	x 10,4
Working Distance	(mm)	45,3 +/- 1
Working F-number	16	
Telecentricity	(degree)	< 0,1
Distortion	(%)	< 0,1
Field Depth	(mm)	1,9
CTF @50 lp/mm	(%)	> 30
Image side N.A.	0,0310	
Object side N.A.	0,0240	
Mount	C or F	
Length	(mm)	198,0
External diameter	(mm)	37,7
Weight	(g)	660

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
Compatible with LTCL16 illuminator;
green light suggested.

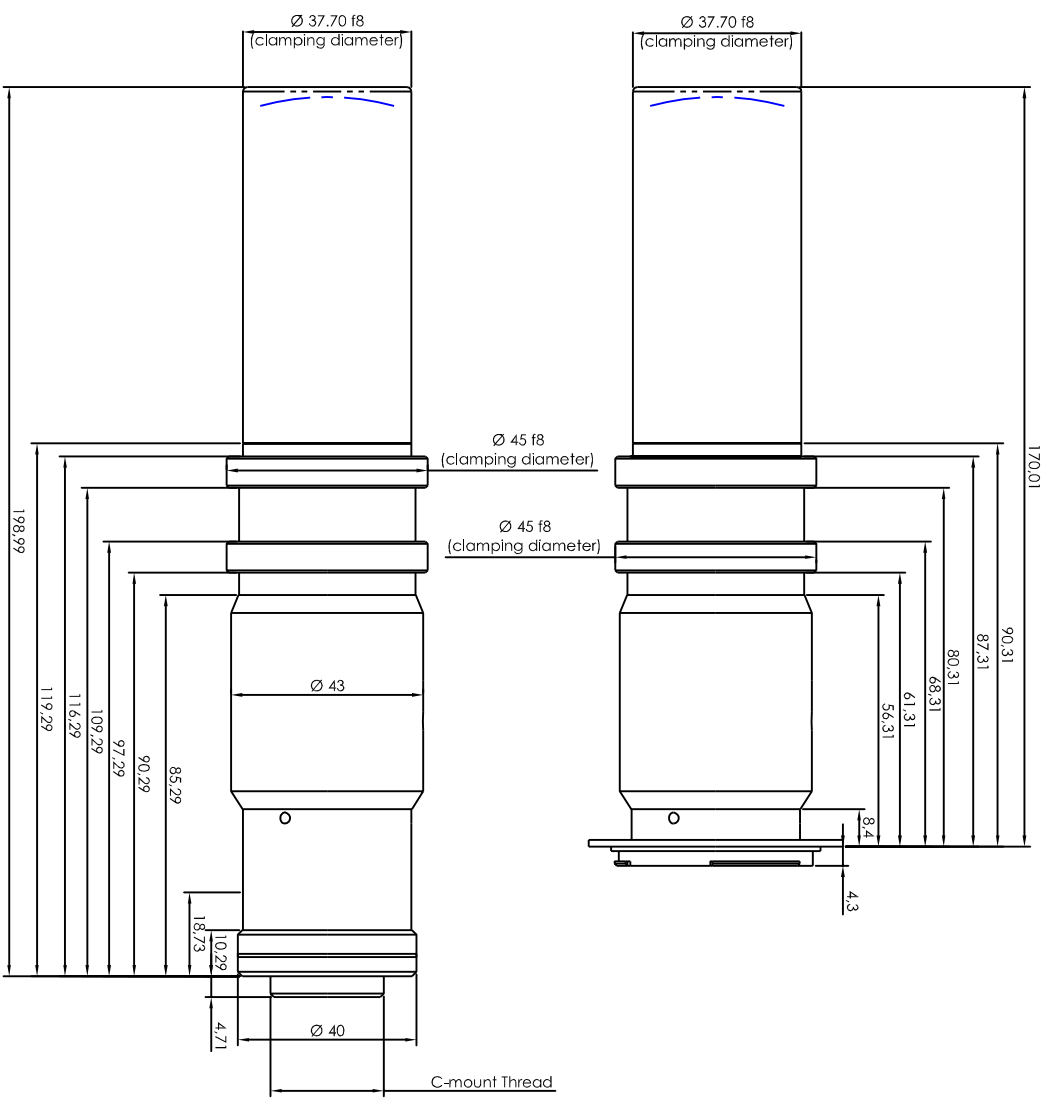


Clamping Mechanics:
Compatible with CMH016.

Rev No.	Description	Date	Name
A	First light	01/05/03	A.Vismara
D	Redesign	18/07/06	A.Vismara

TC 2M 16/F (F-mount)

TC 2M 16/C (C-mount)



Material		N.A.		Mass		0.41 Kg		Scale		1:1	
Surface treatment		N.A.		Project/Prod/Item/Instrument		telecentric lens TC2M16		Description		Assembly	
Geometrical tolerance (ISO 27692)		Class	K	Undimensioned	1x45°			Drawing No.		18322-0-A-TC2M16	
U3	>3°	>6°	>30°	>120°	>400°	>1000°	>2000°	Date		18/07/06	
A3	6	30	120	+400	1000	+2000	+4000	Name		A.Vismara	
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	Drawn		18/07/06	
								Checked		X	
								Designed		18/07/06	
								Draw		18/07/06	
								Checked		X	
								Name		C. Sedozzi	
								Sheet		1/1	



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