

## Magnification of the macro extension tube

The shooting distance and shooting magnification change according to the position of the focus ring.  
The following table shows reference values for when the focus ring is on the nearest side.

	Lens	Lens only			MCEX-11 Mounted			MCEX-16 Mounted		
		Max.Magnification	Working distance(mm)	Shortest shooting distance(mm)	Max.Magnification	Working distance(mm)	Shortest shooting distance(mm)	Max.Magnification	Working distance(mm)	Shortest shooting distance(mm)
Prime Lens	XF14mmF2.8 R	0.12	103	180	0.88	3	91			
	XF16mmF1.4 R WR	0.21	59	150	0.91	1	103			
	XF16mmF2.8 R WR	0.13	106	170	0.84	9	84	1.16	4	84
	XF18mmF2 R	0.14	128	180	0.74	25	88	1.01	18	86
	XF23mmF1.4 R	0.1	199	280	0.60	20	113	0.83	10	108
	XF23mmF2 R WR	0.13	150	220	0.66	25	107	0.90	17	103
	XF27mmF2.8	0.1	299	340	0.48	76	129	0.66	60	118
	XF35mmF1.4 R	0.17	211	280	0.47	73	153	0.61	55	140
	XF35mmF2 R WR	0.135	286	350	0.44	100	175	0.57	80	160
	XF50mmF2 R WR	0.153	312	390	0.40	131	220	0.51	106	200
	XF56mmF1.2 R	0.09	612	700	0.29	181	281	0.39	138	242
	XF60mmF2.4 R Macro	0.5	185	267	0.68	153	246	0.76	143	241
	XF80mmF2.8 R LM OIS WR Macro	1.0	98	246	1.19	89	249	1.27	86	250
	XF90mmF2 R WR	0.2	477	600	0.34	317	452	0.40	280	419
XF200mmF2 R LM OIS WR	0.12	1566	1790	0.18	1,061	1,296	0.21	929	1169	
Zoom Lens	XF8-16mmF2.8 R LM WR	0.06(W)	110	250						
		0.10(T)	110	250						
	XF10-24mmF4 R OIS	0.07(W)	135	240						
		0.16(T)	135	240	0.63	24	140	0.85	14	136
	XF18-55mmF2.8-4 R LM OIS	0.08(W)	211	300	0.69	11	111	0.97	4	109
		0.15(T)	284	400	0.37	91	219	0.47	63	195
	XF55-200mmF3.5-4.8 R LM OIS	0.06(W)	964	1100	0.26	205	352	0.35	149	301
		0.18(T)	905	1100	0.25	665	872	0.28	595	807
	XF18-135mmF3.5-5.6 R LM OIS WR	0.05(W)	334	450	0.66	4	131			
		0.27(T)	274	450	0.39	171	359	0.45	143	336
	XF16-55mmF2.8 R LM WR	0.08(W)	175	300						
		0.15(T)	252	400	0.38	64	223	0.48	36	200
	XF50-140mmF2.8 R LM OIS WR	0.06(W)	806	1000	0.28	126	332	0.38	80	290
		0.12(T)	806	1000	0.23	398	603	0.28	318	528
	XF100-400mmF4.5-5.6 R LM OIS WR	0.06(W)	1521	1750	0.18	504	744	0.23	380	625
		0.19(T)	1462	1750	0.24	1,216	1,516	0.26	1135	1440
	XC15-45mmF3.5-5.6 OIS PZ	0.24(W)	47	130						
		0.16(T)	270	350	0.42	104	196	0.55	83	179
	XC16-50mmF3.5-5.6 OIS I	0.07(W)	217	300	0.75	9	104	1.06	2	102
		0.15(T)	283	400	0.38	88	216	0.49	61	194
XC16-50mmF3.5-5.6 OIS II	0.2(W)	67	150	0.91	4	99				
	0.17(T)	233	350	0.41	79	207	0.52	55	188	
XC50-230mmF4.5-6.7 OIS I & II	0.05(W)	971	1100	0.27	174	315	0.37	125	270	
	0.2(T)	905	1100	0.27	700	907	0.29	636	848	

Working Distance: Distance from the top of the lens barrel to the subject  
Shortest shooting distance: Distance from the image sensor to the subject

Shooting inability area