

TF28DA-B

Working Distance [mm]	Optical Magnification	Extension Ring [mm]	Field of View [mm]									
			2/3"		1/1.8"		1/2"		1/2.5"		1/3"	
			H	V	H	V	H	V	H	V	H	V
1000	0.003x	-	-	-	-	-	-	-	-	-	1990.7	1397.7
950	0.003x	-	-	-	-	-	-	-	-	-	1892.2	1328.6
900	0.003x	-	-	-	-	-	-	-	-	-	1793.7	1259.4
850	0.003x	-	-	-	-	-	-	-	-	-	1695.3	1190.3
800	0.004x	-	-	-	-	-	-	-	-	-	1596.8	1121.2
750	0.004x	-	-	-	-	-	-	-	-	-	1498.3	1052.0
700	0.004x	-	-	-	-	-	-	-	-	-	1399.8	982.9
650	0.004x	-	-	-	-	-	-	-	-	-	1301.4	913.7
600	0.005x	-	-	-	-	-	-	-	-	-	1202.9	844.6
550	0.005x	-	-	-	-	-	-	-	-	-	1104.4	775.5
500	0.006x	-	-	-	-	-	-	-	-	-	1006.0	706.3
450	0.006x	-	-	-	-	-	-	-	-	-	907.5	637.2
400	0.007x	-	-	-	-	-	-	-	-	-	809.0	568.0
350	0.008x	-	-	-	-	-	-	-	-	-	710.5	498.9
300	0.009x	-	-	-	-	-	-	-	-	-	612.1	429.7
250	0.011x	-	-	-	-	-	-	-	-	-	513.6	360.6
200	0.014x	-	-	-	-	-	-	-	-	-	415.1	291.5
150	0.018x	-	-	-	-	-	-	-	-	-	316.6	222.3
100	0.026x	-	-	-	-	-	-	-	-	-	218.2	153.2

TF4XA-1

Working Distance [mm]	Optical Magnification	Extension Ring [mm]	Field of View [mm]									
			2/3"		1/1.8"		1/2"		1/2.5"		1/3"	
			H	V	H	V	H	V	H	V	H	V
1000	0.004x	-	-	-	-	-	-	-	-	-	1277.7	826.4
950	0.004x	-	-	-	-	-	-	-	-	-	1214.6	880.7
900	0.005x	-	-	-	-	-	-	-	-	-	1151.6	835.0
850	0.005x	-	-	-	-	-	-	-	-	-	1088.5	789.3
800	0.005x	-	-	-	-	-	-	-	-	-	1025.5	743.5
750	0.005x	-	-	-	-	-	-	-	-	-	962.5	697.8
700	0.006x	-	-	-	-	-	-	-	-	-	899.4	652.1
650	0.006x	-	-	-	-	-	-	-	-	-	836.4	606.4
600	0.007x	-	-	-	-	-	-	-	-	-	773.3	560.7
550	0.007x	-	-	-	-	-	-	-	-	-	710.3	514.9
500	0.008x	-	-	-	-	-	-	-	-	-	647.2	469.2
450	0.009x	-	-	-	-	-	-	-	-	-	584.2	423.5
400	0.010x	-	-	-	-	-	-	-	-	-	521.1	377.8
350	0.011x	-	-	-	-	-	-	-	-	-	458.1	332.1
300	0.013x	-	-	-	-	-	-	-	-	-	395.0	286.3
250	0.016x	-	-	-	-	-	-	-	-	-	331.9	240.6
200	0.019x	-	-	-	-	-	-	-	-	-	268.9	194.9
150	0.025x	-	-	-	-	-	-	-	-	-	205.8	149.2
100	0.036x	-	-	-	-	-	-	-	-	-	142.8	103.5

TF18DA-3

Working Distance [mm]	Optical Magnification	Extension Ring [mm]	Field of View [mm]									
			2/3"		1/1.8"		1/2"		1/2.5"		1/3"	
			H	V	H	V	H	V	H	V	H	V
1000	0.015x	-	-	-	-	-	-	-	-	-	324.2	242.4
950	0.016x	-	-	-	-	-	-	-	-	-	308.4	230.6
900	0.017x	-	-	-	-	-	-	-	-	-	292.6	218.7
850	0.017x	-	-	-	-	-	-	-	-	-	276.7	206.9
800	0.019x	-	-	-	-	-	-	-	-	-	260.9	195.0
750	0.020x	-	-	-	-	-	-	-	-	-	245.0	183.2
700	0.021x	-	-	-	-	-	-	-	-	-	229.2	171.3
650	0.023x	-	-	-	-	-	-	-	-	-	213.3	159.5
600	0.024x	-	-	-	-	-	-	-	-	-	197.5	147.6
550	0.027x	-	-	-	-	-	-	-	-	-	181.6	135.8
500	0.029x	-	-	-	-	-	-	-	-	-	165.8	123.9
450	0.032x	-	-	-	-	-	-	-	-	-	149.9	112.1
400	0.036x	-	-	-	-	-	-	-	-	-	134.1	100.2
350	0.041x	-	-	-	-	-	-	-	-	-	118.2	88.4
300	0.047x	-	-	-	-	-	-	-	-	-	102.3	76.5
250	0.056x	-	-	-	-	-	-	-	-	-	86.5	64.6
200	0.069x	-	-	-	-	-	-	-	-	-	70.6	52.7
150	0.089x	-	-	-	-	-	-	-	-	-	54.6	40.8
100	0.126x	-	-	-	-	-	-	-	-	-	38.6	28.8

TF4DA-B

Working Distance [mm]	Optical Magnification	Extension Ring [mm]	Field of View [mm]									
			2/3"		1/1.8"		1/2"		1/2.5"		1/3"	
			H	V	H	V	H	V	H	V	H	V
1000	0.004x	-	-	-	-	-	-	-	-	-	1278.4	924.0
950	0.004x	-	-	-	-	-	-	-	-	-	1215.4	878.5
900	0.005x	-	-	-	-	-	-	-	-	-	1152.3	832.9
850	0.005x	-	-	-	-	-	-	-	-	-	1089.3	787.3
800	0.005x	-	-	-	-	-	-	-	-	-	1026.2	741.7
750	0.005x	-	-	-	-	-	-	-	-	-	963.2	696.2
700	0.006x	-	-	-	-	-	-	-	-	-	900.1	650.6
650	0.006x	-	-	-	-	-	-	-	-	-	837.1	605.0
600	0.007x	-	-	-	-	-	-	-	-	-	774.0	559.4
550	0.007x	-	-	-	-	-	-	-	-	-	710.9	513.9
500	0.008x	-	-	-	-	-	-	-	-	-	647.9	468.3
450	0.009x	-	-	-	-	-	-	-	-	-	584.8	422.7
400	0.010x	-	-	-	-	-	-	-	-	-	521.8	377.1
350	0.011x	-	-	-	-	-	-	-	-	-	458.7	331.6
300	0.013x	-	-	-	-	-	-	-	-	-	395.7	286.0
250	0.016x	-	-	-	-	-	-	-	-	-	332.6	240.4
200	0.019x	-	-	-	-	-	-	-	-	-	269.5	194.8
150	0.025x	-	-	-	-	-	-	-	-	-	206.4	149.2
100	0.037x	-	-	-	-	-	-	-	-	-	143.3	103.6

TF8DA-B3

Working Distance [mm]	Optical Magnification	Extension Ring [mm]	Field of View [mm]									
			2/3"		1/1.8"		1/2"		1/2.5"		1/3"	
			H	V	H	V	H	V	H	V	H	V
1000	0.008x	-	-	-	-	-	-	-	-	-	612.1	453.5
950	0.008x	-	-	-	-	-	-	-	-	-	582.1	431.3
900	0.009x	-	-	-	-	-	-	-	-	-	552.1	409.0
850	0.009x	-	-	-	-	-	-	-	-	-	522.1	386.8
800	0.010x	-	-	-	-	-	-	-	-	-	492.1	364.6
750	0.011x	-	-	-	-	-	-	-	-	-	462.1	342.3
700	0.011x	-	-	-	-	-	-	-	-	-	432.1	320.1
650	0.012x	-	-	-	-	-	-	-	-	-	402.1	297.9
600	0.013x	-	-	-	-	-	-	-	-	-	372.1	275.6
550	0.014x	-	-	-	-	-	-	-	-	-	342.1	253.4
500	0.016x	-	-	-	-	-	-	-	-	-	312.1	231.2
450	0.018x	-	-	-	-	-	-	-	-	-	282.1	208.9
400	0.020x	-	-	-	-	-	-	-	-	-	252.0	186.7
350	0.022x	-	-	-	-	-	-	-	-	-	222.0	164.5
300	0.026x	-	-	-	-	-	-	-	-	-	192.0	142.2
250	0.031x	-	-	-	-	-	-	-	-	-	162.0	120.0
200	0.037x	-	-	-	-	-	-	-	-	-	132.0	97.7
150	0.049x	-	-	-	-	-	-	-	-	-	101.9	75.4
100	0.069x	-	-	-	-	-	-	-	-	-	71.8	53.1