

Depth of  
Field  
Metric

# Hawk Anamorphic® V-Plus 35 mm T2.2



Aperture	T2.2		T2.8		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	17.47		14.56		10.18		7.28		5.10		3.70		2.55	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	17.47	INF	14.56	INF	10.18	INF	7.28	INF	5.10	INF	3.70	INF	2.55	INF
40	12.16	INF	10.68	INF	8.11	INF	6.16	INF	4.52	INF	3.39	INF	2.40	INF
20	9.33	INF	8.43	INF	6.74	INF	5.34	INF	4.06	INF	3.13	INF	2.26	INF
15	8.07	INF	7.39	INF	6.06	INF	4.90	INF	3.80	INF	2.97	INF	2.18	INF
10	6.36	23.38	5.93	31.92	5.04	INF	4.21	INF	3.38	INF	2.70	INF	2.03	INF
8	5.49	14.76	5.16	17.75	4.48	INF	3.81	INF	3.11	INF	2.53	INF	1.93	INF
7	5.00	11.68	4.73	13.48	4.15	22.43	3.57	INF	2.95	INF	2.42	INF	1.87	INF
6	4.47	9.14	4.25	10.21	3.77	14.62	3.29	34.11	2.76	INF	2.29	INF	1.79	INF
5	3.89	7	3.72	7.61	3.35	9.83	2.96	15.96	2.52	INF	2.13	INF	1.69	INF
4.5	3.58	6.06	3.44	6.51	3.12	8.07	2.78	11.78	2.39	INF	2.03	INF	1.63	INF
4	3.25	5.19	3.14	5.51	2.87	6.59	2.58	8.88	2.24	18.61	1.92	INF	1.56	INF
3.5	2.92	4.38	2.82	4.61	2.60	5.33	2.36	6.74	2.07	11.18	1.80	INF	1.47	INF
3	2.56	3.62	2.49	3.78	2.32	4.25	2.12	5.10	1.89	7.30	1.66	15.78	1.38	INF
2.75	2.38	3.26	2.31	3.39	2.16	3.77	2.00	4.42	1.79	5.97	1.58	10.67	1.32	INF
2.5	2.19	2.92	2.13	3.02	2.01	3.31	1.86	3.81	1.68	4.91	1.49	7.69	1.26	INF
2.25	1.99	2.58	1.95	2.66	1.84	2.89	1.72	3.26	1.56	4.03	1.40	5.73	1.19	19.26
2	1.79	2.26	1.76	2.32	1.67	2.49	1.57	2.76	1.44	3.29	1.30	4.35	1.12	9.30
1.9	1.71	2.13	1.68	2.19	1.60	2.34	1.51	2.57	1.38	3.03	1.26	3.90	1.09	7.47
1.8	1.63	2.01	1.60	2.05	1.53	2.19	1.44	2.39	1.33	2.78	1.21	3.50	1.05	6.13
1.7	1.55	1.88	1.52	1.92	1.46	2.04	1.38	2.22	1.27	2.55	1.17	3.14	1.02	5.11
1.6	1.47	1.76	1.44	1.80	1.38	1.90	1.31	2.05	1.22	2.33	1.12	2.82	0.98	4.30
1.5	1.38	1.64	1.36	1.67	1.31	1.76	1.24	1.89	1.16	2.13	1.07	2.52	0.94	3.65
1.4	1.30	1.52	1.28	1.55	1.23	1.62	1.17	1.73	1.10	1.93	1.02	2.25	0.90	3.11
1.3	1.21	1.40	1.19	1.43	1.15	1.49	1.10	1.58	1.04	1.75	0.96	2	0.86	2.65
1.2	1.12	1.29	1.11	1.31	1.07	1.36	1.03	1.44	0.97	1.57	0.91	1.78	0.82	2.27
1.1	1.03	1.17	1.02	1.19	0.99	1.23	0.96	1.30	0.90	1.40	0.85	1.56	0.77	1.94
1	0.95	1.06	0.94	1.07	0.91	1.11	0.88	1.16	0.84	1.24	0.79	1.37	0.72	1.65
0.9	0.86	0.95	0.85	0.96	0.83	0.99	0.80	1.03	0.76	1.09	0.72	1.19	0.67	1.39
0.8	0.76	0.84	0.76	0.85	0.74	0.87	0.72	0.90	0.69	0.95	0.66	1.02	0.61	1.17
0.75	0.72	0.78	0.71	0.79	0.70	0.81	0.68	0.84	0.65	0.88	0.62	0.94	0.58	1.06

Circle of Confusion: 0.025 mm



Made in Germany by Vantage Film GmbH

For further information contact Vantage Film, Phone +49 961 26795, Fax +49 961 62983, [www.vantagefilm.com](http://www.vantagefilm.com)

Depth of  
Field  
Metric

# Hawk Anamorphic® V-Plus 40mm T2.2



Aperture	T2.2		T2.8		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	23.43		19.52		13.64		9.76		6.83		4.97		3.42	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	23.43	INF	19.52	INF	13.64	INF	9.76	INF	6.83	INF	4.97	INF	3.42	INF
40	14.77	INF	13.12	INF	10.17	INF	7.85	INF	5.83	INF	4.42	INF	3.15	INF
20	10.79	INF	9.88	INF	8.11	INF	6.56	INF	5.09	INF	3.98	INF	2.92	INF
15	9.14	INF	8.48	INF	7.14	INF	5.91	INF	4.69	INF	3.73	INF	2.78	INF
10	7.01	17.45	6.61	20.50	5.77	37.45	4.94	INF	4.06	INF	3.32	INF	2.55	INF
8	5.96	12.15	5.67	13.55	5.04	19.34	4.40	INF	3.68	INF	3.06	INF	2.39	INF
7	5.39	9.98	5.15	10.91	4.63	14.38	4.08	24.75	3.46	INF	2.91	INF	2.30	INF
6	4.78	8.07	4.59	8.66	4.17	10.71	3.72	15.57	3.19	INF	2.72	INF	2.18	INF
5	4.12	6.36	3.98	6.72	3.66	7.89	3.31	10.25	2.89	18.65	2.49	INF	2.03	INF
4.5	3.77	5.57	3.66	5.85	3.38	6.71	3.08	8.35	2.71	13.19	2.36	INF	1.94	INF
4	3.42	4.82	3.32	5.03	3.09	5.66	2.84	6.78	2.52	9.65	2.22	20.56	1.84	INF
3.5	3.05	4.11	2.97	4.26	2.79	4.71	2.58	5.46	2.31	7.18	2.05	11.85	1.73	INF
3	2.66	3.44	2.60	3.54	2.46	3.85	2.29	4.33	2.08	5.35	1.87	7.58	1.60	24.65
2.75	2.46	3.12	2.41	3.20	2.29	3.44	2.15	3.83	1.96	4.60	1.77	6.16	1.52	14.11
2.5	2.26	2.80	2.22	2.87	2.11	3.06	1.99	3.36	1.83	3.94	1.66	5.03	1.44	9.33
2.25	2.05	2.49	2.02	2.54	1.93	2.69	1.83	2.92	1.69	3.36	1.55	4.11	1.36	6.59
2	1.84	2.19	1.81	2.23	1.74	2.34	1.66	2.52	1.55	2.83	1.43	3.35	1.26	4.83
1.9	1.76	2.07	1.73	2.10	1.67	2.21	1.59	2.36	1.49	2.63	1.37	3.08	1.22	4.28
1.8	1.67	1.95	1.65	1.98	1.59	2.07	1.52	2.21	1.42	2.44	1.32	2.82	1.18	3.81
1.7	1.58	1.83	1.56	1.86	1.51	1.94	1.45	2.06	1.36	2.26	1.27	2.58	1.14	3.38
1.6	1.50	1.72	1.48	1.74	1.43	1.81	1.37	1.91	1.30	2.09	1.21	2.36	1.09	3.01
1.5	1.41	1.60	1.39	1.62	1.35	1.69	1.30	1.77	1.23	1.92	1.15	2.15	1.04	2.67
1.4	1.32	1.49	1.31	1.51	1.27	1.56	1.22	1.63	1.16	1.76	1.09	1.95	0.99	2.37
1.3	1.23	1.38	1.22	1.39	1.19	1.44	1.15	1.50	1.09	1.61	1.03	1.76	0.94	2.10
1.2	1.14	1.26	1.13	1.28	1.10	1.32	1.07	1.37	1.02	1.46	0.97	1.58	0.89	1.85
1.1	1.05	1.15	1.04	1.17	1.02	1.20	0.99	1.24	0.95	1.31	0.90	1.41	0.83	1.62
1	0.96	1.04	0.95	1.05	0.93	1.08	0.91	1.11	0.87	1.17	0.83	1.25	0.77	1.41
0.9	0.87	0.94	0.86	0.94	0.84	0.96	0.82	0.99	0.80	1.04	0.76	1.10	0.71	1.22
0.8	0.77	0.83	0.77	0.83	0.76	0.85	0.74	0.87	0.72	0.91	0.69	0.95	0.65	1.04
0.75	0.73	0.77	0.72	0.78	0.71	0.79	0.70	0.81	0.68	0.84	0.65	0.88	0.61	0.96

Circle of Confusion: 0.025 mm



Depth of  
Field  
Metric

# Hawk Anamorphic® V-Plus 50mm T2.2



Aperture	T2.2		T2.8		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	32.72		27.27		19.06		13.63		9.54		6.94		4.77	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	32.72	INF	27.27	INF	19.06	INF	13.63	INF	9.54	INF	6.94	INF	4.77	INF
40	18.00	INF	16.21	INF	12.91	INF	10.17	INF	7.70	INF	5.91	INF	4.26	INF
20	12.41	INF	11.54	INF	9.76	INF	8.11	INF	6.46	INF	5.15	INF	3.85	INF
15	10.29	27.70	9.68	33.34	8.39	INF	7.14	INF	5.83	INF	4.74	INF	3.62	INF
10	7.66	14.40	7.32	15.79	6.56	21.04	5.77	37.52	4.88	INF	4.10	INF	3.23	INF
8	6.43	10.59	6.19	11.32	5.63	13.79	5.04	19.36	4.35	49.52	3.72	INF	2.99	INF
7	5.77	8.91	5.57	9.42	5.12	11.06	4.63	14.39	4.04	26.28	3.48	INF	2.84	INF
6	5.07	7.35	4.92	7.69	4.56	8.76	4.17	10.72	3.68	16.17	3.22	44.44	2.66	INF
5	4.34	5.90	4.23	6.12	3.96	6.78	3.66	7.90	3.28	10.50	2.91	17.91	2.44	INF
4.5	3.96	5.22	3.86	5.39	3.64	5.89	3.38	6.72	3.06	8.52	2.73	12.81	2.32	INF
4	3.56	4.56	3.49	4.69	3.31	5.06	3.09	5.66	2.82	6.89	2.54	9.45	2.18	24.76
3.5	3.16	3.92	3.10	4.02	2.96	4.29	2.79	4.71	2.56	5.53	2.33	7.06	2.02	13.14
3	2.75	3.30	2.70	3.37	2.59	3.56	2.46	3.85	2.28	4.38	2.09	5.29	1.84	8.08
2.75	2.54	3	2.50	3.06	2.40	3.21	2.29	3.44	2.13	3.86	1.97	4.56	1.74	6.49
2.5	2.32	2.71	2.29	2.75	2.21	2.88	2.11	3.06	1.98	3.39	1.84	3.91	1.64	5.25
2.25	2.11	2.42	2.08	2.45	2.01	2.55	1.93	2.69	1.82	2.94	1.70	3.33	1.53	4.26
2	1.88	2.13	1.86	2.16	1.81	2.23	1.74	2.34	1.65	2.53	1.55	2.81	1.41	3.44
1.9	1.80	2.02	1.78	2.04	1.73	2.11	1.67	2.21	1.58	2.37	1.49	2.62	1.36	3.16
1.8	1.71	1.90	1.69	1.93	1.64	1.99	1.59	2.07	1.51	2.22	1.43	2.43	1.31	2.89
1.7	1.62	1.79	1.60	1.81	1.56	1.87	1.51	1.94	1.44	2.07	1.37	2.25	1.25	2.64
1.6	1.53	1.68	1.51	1.70	1.48	1.75	1.43	1.81	1.37	1.92	1.30	2.08	1.20	2.41
1.5	1.43	1.57	1.42	1.59	1.39	1.63	1.35	1.69	1.30	1.78	1.23	1.91	1.14	2.19
1.4	1.34	1.46	1.33	1.48	1.30	1.51	1.27	1.56	1.22	1.64	1.16	1.75	1.08	1.98
1.3	1.25	1.35	1.24	1.37	1.22	1.40	1.19	1.44	1.14	1.51	1.09	1.60	1.02	1.79
1.2	1.16	1.25	1.15	1.26	1.13	1.28	1.10	1.32	1.07	1.37	1.02	1.45	0.96	1.60
1.1	1.06	1.14	1.06	1.15	1.04	1.17	1.02	1.20	0.99	1.24	0.95	1.31	0.89	1.43
1	0.97	1.03	0.96	1.04	0.95	1.06	0.93	1.08	0.91	1.12	0.87	1.17	0.83	1.27
0.9	0.88	0.93	0.87	0.93	0.86	0.94	0.84	0.96	0.82	0.99	0.80	1.03	0.76	1.11
0.8	0.78	0.82	0.78	0.82	0.77	0.84	0.76	0.85	0.74	0.87	0.72	0.90	0.69	0.96
0.7	0.69	0.72	0.68	0.72	0.68	0.73	0.67	0.74	0.65	0.76	0.64	0.78	0.61	0.82
0.6	0.59	0.61	0.59	0.61	0.58	0.62	0.57	0.63	0.56	0.64	0.55	0.66	0.53	0.69

Circle of Confusion: 0.025 mm



Made in Germany by Vantage Film GmbH

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**Depth of  
Field  
Metric**

# Hawk Anamorphic®

**SUPER CLOSE FOCUS**

**2x**

# V-Plus 65 mm T3

Aperture	T3		T4		T5.6		T8		T11		T16		T22	
Hyperfocal Distance	37.43		29.77		21.30		14.91		10.84		7.45		5.42	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	37.43	INF	29.77	INF	21.30	INF	14.91	INF	10.84	INF	7.45	INF	5.42	INF
20	13.04	42.95	11.96	60.92	10.32	INF	8.54	INF	7.03	INF	5.43	INF	4.26	INF
10	7.89	13.65	7.49	15.06	6.81	18.85	5.99	30.37	5.20	INF	4.27	INF	3.51	INF
5	4.41	5.77	4.28	6.01	4.05	6.53	3.74	7.52	3.42	9.28	2.99	15.19	2.60	64.64
4	3.61	4.48	3.53	4.62	3.37	4.92	3.15	5.47	2.92	6.34	2.60	8.63	2.30	15.27
3	2.78	3.26	2.73	3.34	2.63	3.49	2.50	3.76	2.35	4.15	2.14	5.02	1.93	6.72
2.5	2.34	2.68	2.31	2.73	2.24	2.83	2.14	3	2.03	3.25	1.87	3.76	1.71	4.64
2	1.90	2.11	1.87	2.14	1.83	2.21	1.76	2.31	1.69	2.45	1.58	2.73	1.46	3.17
1.7	1.63	1.78	1.61	1.80	1.57	1.85	1.53	1.92	1.47	2.02	1.38	2.20	1.29	2.48
1.5	1.44	1.56	1.43	1.58	1.40	1.61	1.36	1.67	1.32	1.74	1.25	1.88	1.17	2.07
1.4	1.35	1.45	1.34	1.47	1.31	1.50	1.28	1.55	1.24	1.61	1.18	1.72	1.11	1.89
1.3	1.26	1.35	1.25	1.36	1.23	1.38	1.20	1.42	1.16	1.48	1.11	1.57	1.05	1.71
1.2	1.16	1.24	1.15	1.25	1.14	1.27	1.11	1.31	1.08	1.35	1.03	1.43	0.98	1.54
1.1	1.07	1.13	1.06	1.14	1.05	1.16	1.02	1.19	1.00	1.22	0.96	1.29	0.91	1.38
1	0.97	1.03	0.97	1.03	0.96	1.05	0.94	1.07	0.92	1.10	0.88	1.15	0.84	1.23
0.95	0.93	0.97	0.92	0.98	0.91	0.99	0.89	1.01	0.87	1.04	0.84	1.09	0.81	1.15
0.9	0.88	0.92	0.87	0.93	0.86	0.94	0.85	0.96	0.83	0.98	0.80	1.02	0.77	1.08
0.85	0.83	0.87	0.83	0.87	0.82	0.89	0.80	0.90	0.79	0.92	0.76	0.96	0.73	1.01
0.8	0.78	0.82	0.78	0.82	0.77	0.83	0.76	0.85	0.75	0.86	0.72	0.90	0.70	0.94
0.75	0.74	0.77	0.73	0.77	0.72	0.78	0.71	0.79	0.70	0.81	0.68	0.83	0.66	0.87
0.7	0.69	0.71	0.68	0.72	0.68	0.72	0.67	0.73	0.66	0.75	0.64	0.77	0.62	0.80
0.65	0.64	0.66	0.64	0.66	0.63	0.67	0.62	0.68	0.61	0.69	0.60	0.71	0.58	0.74
0.6	0.59	0.61	0.59	0.61	0.58	0.62	0.58	0.63	0.57	0.64	0.56	0.65	0.54	0.67
0.55	0.54	0.56	0.54	0.56	0.54	0.56	0.53	0.57	0.52	0.58	0.51	0.59	0.50	0.61
0.5	0.49	0.51	0.49	0.51	0.49	0.51	0.48	0.52	0.48	0.52	0.47	0.54	0.46	0.55
0.45	0.44	0.46	0.44	0.46	0.44	0.46	0.44	0.46	0.43	0.47	0.42	0.48	0.42	0.49
0.4	0.40	0.40	0.39	0.41	0.39	0.41	0.39	0.41	0.39	0.42	0.38	0.42	0.37	0.43
0.37	0.37	0.37	0.37	0.37	0.36	0.38	0.36	0.38	0.36	0.38	0.35	0.39	0.35	0.40

Circle of Confusion: 0.025 mm

**HAWK**  
Anamorphic Lenses

Made in Germany by Vantage Film GmbH

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**Depth of  
Field  
Metric**

# Hawk Anamorphic® V-Plus 75 mm T2.2



Aperture	T2.2		T2.8		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	66.26		55.22		38.59		27.61		19.32		14.05		9.66	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	66.26	INF	55.22	INF	38.59	INF	27.61	INF	19.32	INF	14.05	INF	9.66	INF
40	24.94	INF	23.20	INF	19.64	INF	16.33	INF	13.03	INF	10.40	INF	7.78	INF
20	15.36	28.65	14.68	31.36	13.17	41.52	11.60	72.57	9.83	INF	8.25	INF	6.51	INF
15	12.23	19.39	11.80	20.59	10.80	24.54	9.72	32.84	8.44	67.05	7.25	INF	5.88	INF
10	8.69	11.78	8.47	12.21	7.94	13.50	7.34	15.68	6.59	20.73	5.84	34.71	4.91	INF
8	7.14	9.10	6.99	9.36	6.63	10.09	6.20	11.26	5.66	13.65	5.10	18.58	4.38	46.52
7	6.33	7.83	6.21	8.02	5.93	8.55	5.58	9.38	5.14	10.98	4.67	13.95	4.06	25.41
6	5.50	6.60	5.41	6.73	5.19	7.10	4.93	7.67	4.58	8.70	4.20	10.47	3.70	15.83
5	4.65	5.41	4.58	5.50	4.43	5.74	4.23	6.11	3.97	6.75	3.69	7.76	3.29	10.36
4.5	4.21	4.83	4.16	4.90	4.03	5.09	3.87	5.38	3.65	5.87	3.41	6.62	3.07	8.42
4	3.77	4.26	3.73	4.31	3.62	4.46	3.49	4.68	3.31	5.04	3.11	5.59	2.83	6.83
3.5	3.32	3.70	3.29	3.74	3.21	3.85	3.11	4.01	2.96	4.27	2.80	4.66	2.57	5.49
3	2.87	3.14	2.85	3.17	2.78	3.25	2.71	3.37	2.60	3.55	2.47	3.81	2.29	4.35
2.75	2.64	2.87	2.62	2.89	2.57	2.96	2.50	3.05	2.41	3.21	2.30	3.42	2.14	3.84
2.5	2.41	2.60	2.39	2.62	2.35	2.67	2.29	2.75	2.21	2.87	2.12	3.04	1.99	3.37
2.25	2.18	2.33	2.16	2.35	2.13	2.39	2.08	2.45	2.02	2.55	1.94	2.68	1.82	2.93
2	1.94	2.06	1.93	2.08	1.90	2.11	1.86	2.16	1.81	2.23	1.75	2.33	1.66	2.52
1.9	1.85	1.96	1.84	1.97	1.81	2.00	1.78	2.04	1.73	2.11	1.67	2.20	1.59	2.37
1.8	1.75	1.85	1.74	1.86	1.72	1.89	1.69	1.93	1.65	1.98	1.60	2.06	1.52	2.21
1.7	1.66	1.74	1.65	1.75	1.63	1.78	1.60	1.81	1.56	1.86	1.52	1.93	1.45	2.06
1.6	1.56	1.64	1.55	1.65	1.54	1.67	1.51	1.70	1.48	1.74	1.44	1.81	1.37	1.92
1.5	1.47	1.53	1.46	1.54	1.44	1.56	1.42	1.59	1.39	1.63	1.36	1.68	1.30	1.78
1.4	1.37	1.43	1.37	1.44	1.35	1.45	1.33	1.47	1.31	1.51	1.27	1.55	1.22	1.64
1.3	1.27	1.33	1.27	1.33	1.26	1.35	1.24	1.36	1.22	1.39	1.19	1.43	1.15	1.50
1.2	1.18	1.22	1.17	1.23	1.16	1.24	1.15	1.25	1.13	1.28	1.11	1.31	1.07	1.37
1.1	1.08	1.12	1.08	1.12	1.07	1.13	1.06	1.15	1.04	1.17	1.02	1.19	0.99	1.24
1	0.99	1.02	0.98	1.02	0.97	1.03	0.97	1.04	0.95	1.05	0.93	1.08	0.91	1.12
0.9	0.89	0.91	0.89	0.91	0.88	0.92	0.87	0.93	0.86	0.94	0.85	0.96	0.82	0.99
0.8	0.79	0.81	0.79	0.81	0.78	0.82	0.78	0.82	0.77	0.83	0.76	0.85	0.74	0.87
0.7	0.69	0.71	0.69	0.71	0.69	0.71	0.68	0.72	0.68	0.73	0.67	0.74	0.65	0.75
0.6	0.59	0.61	0.59	0.61	0.59	0.61	0.59	0.61	0.58	0.62	0.58	0.63	0.56	0.64

Circle of Confusion: 0.025 mm



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Depth of  
Field  
Metric

# Hawk Anamorphic® V-Plus 85 mm T2.2



Aperture	T2.2		T2.8		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	83.36		69.47		48.55		34.73		24.31		17.67		12.15	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	83.36	INF	69.47	INF	48.55	INF	34.73	INF	24.31	INF	17.67	INF	12.15	INF
40	27.03	76.90	25.38	INF	21.93	INF	18.59	INF	15.12	INF	12.26	INF	9.32	INF
20	16.13	26.31	15.53	28.09	14.16	34.01	12.69	47.15	10.97	INF	9.38	INF	7.56	INF
15	12.71	18.29	12.34	19.13	11.46	21.71	10.48	26.40	9.28	39.17	8.11	INF	6.71	INF
10	8.93	11.36	8.74	11.68	8.29	12.59	7.76	14.04	7.09	16.99	6.39	23.03	5.49	56.42
8	7.30	8.85	7.17	9.04	6.87	9.58	6.50	10.39	6.02	11.92	5.51	14.62	4.82	23.41
7	6.46	7.64	6.36	7.78	6.12	8.18	5.83	8.77	5.43	9.83	5.01	11.59	4.44	16.51
6	5.60	6.47	5.52	6.57	5.34	6.85	5.12	7.25	4.81	7.97	4.48	9.08	4.02	11.85
5	4.72	5.32	4.66	5.39	4.53	5.57	4.37	5.84	4.15	6.29	3.90	6.97	3.54	8.49
4.5	4.27	4.76	4.23	4.81	4.12	4.96	3.98	5.17	3.80	5.52	3.59	6.04	3.28	7.15
4	3.82	4.20	3.78	4.24	3.70	4.36	3.59	4.52	3.43	4.79	3.26	5.17	3.01	5.96
3.5	3.36	3.65	3.33	3.69	3.26	3.77	3.18	3.89	3.06	4.09	2.92	4.36	2.72	4.92
3	2.90	3.11	2.88	3.14	2.83	3.20	2.76	3.28	2.67	3.42	2.56	3.61	2.41	3.98
2.75	2.66	2.84	2.65	2.86	2.60	2.92	2.55	2.99	2.47	3.10	2.38	3.26	2.24	3.55
2.5	2.43	2.58	2.41	2.59	2.38	2.64	2.33	2.69	2.27	2.79	2.19	2.91	2.07	3.15
2.25	2.19	2.31	2.18	2.33	2.15	2.36	2.11	2.41	2.06	2.48	2.00	2.58	1.90	2.76
2	1.95	2.05	1.94	2.06	1.92	2.09	1.89	2.12	1.85	2.18	1.80	2.26	1.72	2.39
1.9	1.86	1.94	1.85	1.95	1.83	1.98	1.80	2.01	1.76	2.06	1.72	2.13	1.64	2.25
1.8	1.76	1.84	1.75	1.85	1.74	1.87	1.71	1.90	1.68	1.94	1.63	2	1.57	2.11
1.7	1.67	1.74	1.66	1.74	1.64	1.76	1.62	1.79	1.59	1.83	1.55	1.88	1.49	1.98
1.6	1.57	1.63	1.56	1.64	1.55	1.65	1.53	1.68	1.50	1.71	1.47	1.76	1.41	1.84
1.5	1.47	1.53	1.47	1.53	1.46	1.55	1.44	1.57	1.41	1.60	1.38	1.64	1.34	1.71
1.4	1.38	1.42	1.37	1.43	1.36	1.44	1.35	1.46	1.32	1.49	1.30	1.52	1.26	1.58
1.3	1.28	1.32	1.28	1.32	1.27	1.34	1.25	1.35	1.23	1.37	1.21	1.40	1.17	1.46
1.2	1.18	1.22	1.18	1.22	1.17	1.23	1.16	1.24	1.14	1.26	1.12	1.29	1.09	1.33
1.1	1.09	1.11	1.08	1.12	1.08	1.13	1.07	1.14	1.05	1.15	1.04	1.17	1.01	1.21
1	0.99	1.01	0.99	1.01	0.98	1.02	0.97	1.03	0.96	1.04	0.95	1.06	0.92	1.09
0.9	0.89	0.91	0.89	0.91	0.88	0.92	0.88	0.92	0.87	0.93	0.86	0.95	0.84	0.97
0.8	0.79	0.81	0.79	0.81	0.79	0.81	0.78	0.82	0.77	0.83	0.77	0.84	0.75	0.86
0.7	0.69	0.71	0.69	0.71	0.69	0.71	0.69	0.71	0.68	0.72	0.67	0.73	0.66	0.74
0.6	0.60	0.60	0.59	0.61	0.59	0.61	0.59	0.61	0.59	0.62	0.58	0.62	0.57	0.63

Circle of Confusion: 0.025 mm



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**Depth of  
Field  
Metric**

**Hawk Anamorphic®**

**V-Plus 100mm T2.2**



Aperture	T2.2		T2.8		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	109.21		91.01		63.60		45.50		31.85		23.15		15.92	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
INF	109.21	INF	91.01	INF	63.60	INF	45.50	INF	31.85	INF	23.15	INF	15.92	INF
40	29.28	63.12	27.79	71.37	24.56	107.79	21.29	INF	17.73	INF	14.66	INF	11.39	INF
20	16.90	24.48	16.40	25.63	15.22	29.17	13.89	35.68	12.28	53.77	10.73	INF	8.87	INF
15	13.19	17.39	12.88	17.96	12.14	19.63	11.28	22.38	10.20	28.36	9.10	42.60	7.72	INF
10	9.16	11.01	9.01	11.23	8.64	11.87	8.20	12.82	7.61	14.58	6.98	17.60	6.14	26.88
8	7.45	8.63	7.35	8.77	7.11	9.15	6.80	9.71	6.39	10.68	5.95	12.22	5.32	16.08
7	6.58	7.48	6.50	7.58	6.31	7.87	6.07	8.27	5.74	8.97	5.37	10.03	4.86	12.49
6	5.69	6.35	5.63	6.42	5.48	6.62	5.30	6.91	5.05	7.39	4.77	8.10	4.36	9.63
5	4.78	5.24	4.74	5.29	4.64	5.43	4.50	5.62	4.32	5.93	4.11	6.38	3.81	7.29
4.5	4.32	4.69	4.29	4.73	4.20	4.84	4.10	4.99	3.94	5.24	3.77	5.59	3.51	6.27
4	3.86	4.15	3.83	4.18	3.76	4.27	3.68	4.39	3.55	4.57	3.41	4.84	3.20	5.34
3.5	3.39	3.62	3.37	3.64	3.32	3.70	3.25	3.79	3.15	3.93	3.04	4.12	2.87	4.49
3	2.92	3.08	2.90	3.10	2.86	3.15	2.81	3.21	2.74	3.31	2.66	3.45	2.52	3.70
2.75	2.68	2.82	2.67	2.84	2.64	2.87	2.59	2.93	2.53	3.01	2.46	3.12	2.35	3.32
2.5	2.44	2.56	2.43	2.57	2.41	2.60	2.37	2.65	2.32	2.71	2.26	2.80	2.16	2.97
2.25	2.20	2.30	2.20	2.31	2.17	2.33	2.14	2.37	2.10	2.42	2.05	2.49	1.97	2.62
2	1.96	2.04	1.96	2.04	1.94	2.06	1.92	2.09	1.88	2.13	1.84	2.19	1.78	2.29
1.9	1.87	1.93	1.86	1.94	1.84	1.96	1.82	1.98	1.79	2.02	1.76	2.07	1.70	2.16
1.8	1.77	1.83	1.77	1.84	1.75	1.85	1.73	1.87	1.70	1.91	1.67	1.95	1.62	2.03
1.7	1.67	1.73	1.67	1.73	1.66	1.75	1.64	1.77	1.61	1.80	1.58	1.83	1.54	1.90
1.6	1.58	1.62	1.57	1.63	1.56	1.64	1.55	1.66	1.52	1.68	1.50	1.72	1.45	1.78
1.5	1.48	1.52	1.48	1.53	1.47	1.54	1.45	1.55	1.43	1.57	1.41	1.60	1.37	1.66
1.4	1.38	1.42	1.38	1.42	1.37	1.43	1.36	1.44	1.34	1.46	1.32	1.49	1.29	1.53
1.3	1.28	1.32	1.28	1.32	1.27	1.33	1.26	1.34	1.25	1.36	1.23	1.38	1.20	1.42
1.2	1.19	1.21	1.18	1.22	1.18	1.22	1.17	1.23	1.16	1.25	1.14	1.27	1.12	1.30
1.1	1.09	1.11	1.09	1.11	1.08	1.12	1.07	1.13	1.06	1.14	1.05	1.15	1.03	1.18
1	0.99	1.01	0.99	1.01	0.98	1.02	0.98	1.02	0.97	1.03	0.96	1.05	0.94	1.07

Circle of Confusion: 0.025 mm



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**Depth of  
Field  
Metric**

# Hawk Anamorphic® **V-Plus 120 mm T3.5**

**SUPER CLOSE FOCUS**



Aperture	T3.5		T4		T5.6		T8		T11		T16		T22	
Hyperfocal Distance	94.33		84.89		69.02		48.30		35.12		24.15		17.56	
Focus	near	far	near	far	near	far	near	far	near	far	near	far	near	far
<b>INF</b>	94.33	INF	84.89	INF	69.02	INF	48.30	INF	35.12	INF	24.15	INF	17.56	INF
<b>6</b>	5.64	6.41	5.60	6.46	5.52	6.57	5.34	6.85	5.12	7.24	4.81	7.98	4.47	9.11
<b>3</b>	2.91	3.10	2.90	3.11	2.88	3.14	2.82	3.20	2.76	3.28	2.67	3.43	2.56	3.62
<b>2.5</b>	2.44	2.57	2.43	2.58	2.41	2.59	2.38	2.64	2.33	2.69	2.27	2.79	2.19	2.92
<b>2</b>	1.96	2.04	1.95	2.05	1.94	2.06	1.92	2.09	1.89	2.12	1.85	2.18	1.80	2.26
<b>1.75</b>	1.72	1.78	1.71	1.79	1.71	1.80	1.69	1.82	1.67	1.84	1.63	1.89	1.59	1.94
<b>1.5</b>	1.48	1.52	1.47	1.53	1.47	1.53	1.45	1.55	1.44	1.57	1.41	1.60	1.38	1.64
<b>1.25</b>	1.23	1.27	1.23	1.27	1.23	1.27	1.22	1.28	1.21	1.30	1.19	1.32	1.17	1.35
<b>1</b>	0.99	1.01	0.99	1.01	0.99	1.01	0.98	1.02	0.97	1.03	0.96	1.04	0.95	1.06
<b>0.85</b>	0.84	0.86	0.84	0.86	0.84	0.86	0.84	0.87	0.83	0.87	0.82	0.88	0.81	0.89
<b>0.8</b>	0.79	0.81	0.79	0.81	0.79	0.81	0.79	0.81	0.78	0.82	0.77	0.83	0.77	0.84
<b>0.75</b>	0.74	0.76	0.74	0.76	0.74	0.76	0.74	0.76	0.73	0.77	0.73	0.77	0.72	0.78
<b>0.7</b>	0.69	0.71	0.69	0.71	0.69	0.71	0.69	0.71	0.69	0.71	0.68	0.72	0.67	0.73
<b>0.65</b>	0.65	0.65	0.65	0.66	0.64	0.66	0.64	0.66	0.64	0.66	0.63	0.67	0.63	0.67
<b>0.6</b>	0.60	0.60	0.60	0.60	0.59	0.61	0.59	0.61	0.59	0.61	0.59	0.62	0.58	0.62
<b>0.55</b>	0.55	0.55	0.55	0.55	0.55	0.55	0.54	0.56	0.54	0.56	0.54	0.56	0.53	0.57
<b>0.5</b>	0.50	0.50	0.50	0.50	0.50	0.50	0.49	0.51	0.49	0.51	0.49	0.51	0.49	0.51
<b>0.49</b>	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.50	0.48	0.50	0.48	0.50	0.48	0.50
<b>0.48</b>	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.47	0.49	0.47	0.49	0.47	0.49
<b>0.47</b>	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.46	0.48	0.46	0.48	0.46	0.48
<b>0.46</b>	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.45	0.47	0.45	0.47	0.45	0.47
<b>0.45</b>	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.44	0.46	0.44	0.46	0.44	0.46
<b>0.44</b>	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.43	0.45	0.43	0.45	0.43	0.45
<b>0.43</b>	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.42	0.44	0.42	0.44	0.42	0.44

Circle of Confusion: 0.025 mm



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**Depth of  
Field  
Metric**

# Hawk Anamorphic® V-Plus 135 mm T3



Aperture	T3		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	143.21		111.88		80.05		56.02		40.73		28.01	
Focus	near	far	near	far	near	far	near	far	near	far	near	far
INF	143.21	INF	111.88	INF	80.05	INF	56.02	INF	40.73	INF	28.01	INF
40	31.27	55.50	29.47	62.26	26.67	79.95	23.34	139.87	20.18	INF	16.47	INF
20	17.55	23.25	16.97	24.35	16	26.66	14.74	31.10	13.41	39.30	11.67	69.94
15	13.58	16.75	13.23	17.32	12.63	18.46	11.83	20.49	10.96	23.75	9.77	32.29
10	9.35	10.75	9.18	10.98	8.89	11.43	8.49	12.17	8.03	13.25	7.37	15.55
8	7.58	8.47	7.47	8.62	7.27	8.89	7	9.33	6.69	9.96	6.22	11.20
7	6.67	7.36	6.59	7.47	6.44	7.67	6.22	8.00	5.97	8.45	5.60	9.33
6	5.76	6.26	5.69	6.34	5.58	6.49	5.42	6.72	5.23	7.04	4.94	7.64
5	4.83	5.18	4.79	5.23	4.71	5.33	4.59	5.49	4.45	5.70	4.24	6.09
4.5	4.36	4.65	4.33	4.69	4.26	4.77	4.17	4.89	4.05	5.06	3.88	5.36
4	3.89	4.11	3.86	4.15	3.81	4.21	3.73	4.31	3.64	4.44	3.50	4.67
3.5	3.42	3.59	3.39	3.61	3.35	3.66	3.29	3.73	3.22	3.83	3.11	4.00
3	2.94	3.06	2.92	3.08	2.89	3.12	2.85	3.17	2.79	3.24	2.71	3.36
2.75	2.70	2.80	2.68	2.82	2.66	2.85	2.62	2.89	2.58	2.95	2.50	3.05
2.5	2.46	2.54	2.45	2.56	2.42	2.58	2.39	2.62	2.36	2.66	2.30	2.74
2.25	2.22	2.29	2.21	2.30	2.19	2.32	2.16	2.34	2.13	2.38	2.08	2.45
2	1.97	2.03	1.96	2.04	1.95	2.05	1.93	2.07	1.91	2.10	1.87	2.15
1.9	1.88	1.93	1.87	1.93	1.86	1.95	1.84	1.97	1.82	1.99	1.78	2.04
1.8	1.78	1.82	1.77	1.83	1.76	1.84	1.74	1.86	1.72	1.88	1.69	1.92
1.7	1.68	1.72	1.67	1.73	1.66	1.74	1.65	1.75	1.63	1.77	1.60	1.81
1.6	1.58	1.62	1.58	1.62	1.57	1.63	1.56	1.65	1.54	1.67	1.51	1.70
1.5	1.48	1.52	1.48	1.52	1.47	1.53	1.46	1.54	1.45	1.56	1.42	1.58
1.4	1.39	1.41	1.38	1.42	1.38	1.42	1.37	1.44	1.35	1.45	1.33	1.47
1.3	1.29	1.31	1.29	1.32	1.28	1.32	1.27	1.33	1.26	1.34	1.24	1.36
1.2	1.19	1.21	1.19	1.21	1.18	1.22	1.17	1.23	1.17	1.24	1.15	1.25
1.1	1.09	1.11	1.09	1.11	1.09	1.12	1.08	1.12	1.07	1.13	1.06	1.14
1	0.99	1.01	0.99	1.01	0.99	1.01	0.98	1.02	0.98	1.03	0.97	1.04

Circle of Confusion: 0.025 mm



**Depth of  
Field  
Metric**

# Hawk Anamorphic® V-Plus 150mm T3



Aperture	T3		T4		T5.6		T8		T11		T16	
Hyperfocal Distance	158.37		138.13		98.82		69.16		50.28		34.58	
Focus	near	far	near	far	near	far	near	far	near	far	near	far
INF	158.37	INF	138.13	INF	98.82	INF	69.16	INF	50.28	INF	34.58	INF
40	31.93	53.52	31.02	56.31	28.47	67.20	25.34	94.87	22.28	INF	18.55	INF
20	17.76	22.89	17.47	23.39	16.63	25.07	15.51	28.14	14.31	33.21	12.67	47.43
15	13.70	16.57	13.53	16.83	13.02	17.68	12.33	19.15	11.55	21.38	10.46	26.49
10	9.41	10.67	9.32	10.78	9.08	11.13	8.74	11.69	8.34	12.48	7.76	14.07
8	7.62	8.43	7.56	8.49	7.40	8.70	7.17	9.05	6.90	9.51	6.50	10.41
7	6.70	7.32	6.66	7.37	6.54	7.53	6.36	7.79	6.14	8.13	5.82	8.78
6	5.78	6.24	5.75	6.27	5.66	6.39	5.52	6.57	5.36	6.81	5.11	7.26
5	4.85	5.16	4.83	5.19	4.76	5.27	4.66	5.39	4.55	5.55	4.37	5.85
4.5	4.38	4.63	4.36	4.65	4.30	4.71	4.23	4.81	4.13	4.94	3.98	5.17
4	3.90	4.10	3.89	4.12	3.84	4.17	3.78	4.25	3.71	4.35	3.59	4.52
3.5	3.42	3.58	3.41	3.59	3.38	3.63	3.33	3.69	3.27	3.76	3.18	3.89
3	2.94	3.06	2.94	3.07	2.91	3.09	2.88	3.14	2.83	3.19	2.76	3.28
2.75	2.70	2.80	2.70	2.81	2.68	2.83	2.64	2.86	2.61	2.91	2.55	2.99
2.5	2.46	2.54	2.46	2.55	2.44	2.56	2.41	2.59	2.38	2.63	2.33	2.69
2.25	2.22	2.28	2.21	2.29	2.20	2.30	2.18	2.33	2.15	2.36	2.11	2.41
2	1.98	2.03	1.97	2.03	1.96	2.04	1.94	2.06	1.92	2.08	1.89	2.12
1.9	1.88	1.92	1.87	1.93	1.86	1.94	1.85	1.95	1.83	1.97	1.80	2.01
1.8	1.78	1.82	1.78	1.82	1.77	1.83	1.75	1.85	1.74	1.87	1.71	1.90
1.7	1.68	1.72	1.68	1.72	1.67	1.73	1.66	1.74	1.64	1.76	1.62	1.79
1.6	1.58	1.62	1.58	1.62	1.57	1.63	1.56	1.64	1.55	1.65	1.53	1.68
1.5	1.49	1.51	1.48	1.52	1.48	1.52	1.47	1.53	1.46	1.55	1.44	1.57
1.4	1.39	1.41	1.39	1.41	1.38	1.42	1.37	1.43	1.36	1.44	1.35	1.46
1.3	1.29	1.31	1.29	1.31	1.28	1.32	1.28	1.32	1.27	1.33	1.25	1.35
1.2	1.19	1.21	1.19	1.21	1.19	1.21	1.18	1.22	1.17	1.23	1.16	1.24
1.1	1.09	1.11	1.09	1.11	1.09	1.11	1.08	1.12	1.08	1.12	1.07	1.14
1	0.99	1.01	0.99	1.01	0.99	1.01	0.99	1.01	0.98	1.02	0.97	1.03

Circle of Confusion: 0.025mm

