

Zoom 160 SPECIFICATIONS

Z160-SPE.XLS

Zoom Objective		0.38 X TUBE		0.5 X TUBE		0.67 X TUBE		1.0 X TUBE		1.5 X TUBE		2.0 X TUBE	
		LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH
0.25 30-37-28 WD: 370mm	NA	0.0022	0.038	0.0022	0.038	0.0022	0.038	0.0022	0.038	0.0022	0.038	0.0022	0.038
	MAG	0.047	0.75	0.063	1.0	0.083	1.3	0.13	2.0	0.19	3.0	0.25	4.0
	DOF	108.8	0.38	108.8	0.38	108.8	0.38	108.8	0.38	108.8	0.38	108.8	0.38
	F. 1/4"	58.2 x 77.8	3.6 x 4.8	43.6 x 58.4	2.7 x 3.6	32.7 x 43.8	2.0 x 2.7	21.8 x 29.2	1.3 x 1.8	14.5 x 19.4	0.91 x 1.22	10.9 x 14.6	0.68 x 0.91
	O. 1/3"	76.8 x 102.4	4.8 x 6.4	57.6 x 76.8	3.6 x 4.8	43.2 x 57.6	2.7 x 3.6	28.8 x 38.4	1.8 x 2.4	19.2 x 25.6	1.2 x 1.6	14.4 x 19.2	0.90 x 1.2
	V. 1/2"	-----	-----	-----	-----	57.6 x 76.8	3.6 x 4.8	38.4 x 51.2	2.4 x 3.2	25.6 x 34.1	1.6 x 2.1	19.2 x 25.6	1.2 x 1.6
mm 2/3"	-----	-----	-----	-----	-----	-----	52.8 x 70.4	3.3 x 4.4	35.2 x 46.9	2.2 x 2.9	26.4 x 35.2	1.6 x 2.2	
0.5 30-37-29 WD: 181mm	NA	0.0045	0.076	0.0045	0.076	0.0045	0.076	0.0045	0.076	0.0045	0.076	0.0045	0.076
	MAG	0.094	1.5	0.13	2.0	0.17	2.7	0.25	4.0	0.38	6.0	0.50	8.0
	DOF	27.2	0.10	27.2	0.10	27.2	0.10	27.2	0.10	27.2	0.10	27.2	0.10
	F. 1/4"	29.1 x 38.9	1.8 x 2.4	21.8 x 29.2	1.3 x 1.8	16.3 x 21.9	1.0 x 1.3	10.9 x 14.6	0.68 x 0.91	7.2 x 9.7	0.45 x 0.60	5.4 x 7.3	0.34 x 0.45
	O. 1/3"	38.4 x 51.2	2.4 x 3.2	28.8 x 38.4	1.8 x 2.4	21.6 x 28.8	1.3 x 1.8	14.4 x 19.2	0.90 x 1.2	9.6 x 12.8	0.60 x 0.80	7.2 x 9.6	0.45 x 0.60
	V. 1/2"	-----	-----	-----	-----	28.8 x 38.4	1.8 x 2.4	19.2 x 25.6	1.2 x 1.6	12.8 x 17.0	0.80 x 1.0	9.6 x 12.8	0.60 x 0.80
mm 2/3"	-----	-----	-----	-----	-----	-----	26.4 x 35.2	1.6 x 2.2	17.6 x 23.4	1.1 x 1.4	13.2 x 17.6	0.82 x 1.1	
0.75 30-37-30 WD: 116mm	NA	0.0068	0.11	0.0068	0.11	0.0068	0.11	0.0068	0.11	0.0068	0.11	0.0068	0.11
	MAG	0.14	2.3	0.19	3.0	0.25	4.0	0.38	6.0	0.56	9.0	0.75	12.0
	DOF	12.1	0.043	12.1	0.043	12.1	0.043	12.1	0.043	12.1	0.043	12.1	0.043
	F. 1/4"	19.4 x 25.9	1.2 x 1.6	14.5 x 19.4	0.91 x 1.2	10.9 x 14.6	0.68 x 0.91	7.2 x 9.7	0.45 x 0.60	4.8 x 6.4	0.30 x 0.40	3.6 x 4.8	0.22 x 0.30
	O. 1/3"	-----	-----	19.2 x 25.6	1.2 x 1.6	14.4 x 19.2	0.90 x 1.2	9.6 x 12.8	0.60 x 0.80	6.4 x 8.5	0.40 x 0.53	4.8 x 6.4	0.30 x 0.40
	V. 1/2"	-----	-----	-----	-----	19.2 x 25.6	1.2 x 1.6	12.8 x 17.0	0.80 x 1.0	8.5 x 11.3	0.53 x 0.71	6.4 x 8.5	0.40 x 0.53
mm 2/3"	-----	-----	-----	-----	-----	-----	17.6 x 23.4	1.1 x 1.4	11.7 x 15.6	0.73 x 0.97	8.8 x 11.7	0.55 x 0.73	
1.0 30-37-31 WD: 89mm	NA	0.0090	0.15	0.0090	0.15	0.0090	0.15	0.0090	0.15	0.0090	0.15	0.0090	0.15
	MAG	0.19	3.0	0.25	4.0	0.33	5.3	0.50	8.0	0.75	12.0	1.0	16.0
	DOF	6.8	0.024	6.8	0.024	6.8	0.024	6.8	0.024	6.8	0.024	6.8	0.024
	F. 1/4"	14.5 x 19.4	0.91 x 1.2	10.9 x 14.6	0.68 x 0.91	8.1 x 10.9	0.51 x 0.68	5.4 x 7.3	0.34 x 0.45	3.6 x 4.8	0.22 x 0.30	2.7 x 3.6	0.17 x 0.22
	O. 1/3"	-----	-----	14.4 x 19.2	0.90 x 1.2	10.8 x 14.4	0.67 x 0.90	7.2 x 9.6	0.45 x 0.60	4.8 x 6.4	0.30 x 0.40	3.6 x 4.8	0.22 x 0.30
	V. 1/2"	-----	-----	-----	-----	14.4 x 19.2	0.90 x 1.2	9.6 x 12.8	0.60 x 0.80	6.4 x 8.5	0.40 x 0.53	4.8 x 6.4	0.30 x 0.40
mm 2/3"	-----	-----	-----	-----	-----	-----	13.2 x 17.6	0.82 x 1.1	8.8 x 11.7	0.55 x 0.73	6.6 x 8.8	0.41 x 0.55	
1.5 30-37-32 WD: 56mm	NA	0.014	0.23	0.014	0.23	0.014	0.23	0.014	0.23	0.014	0.23	0.014	0.23
	MAG	0.28	4.5	0.38	6.0	0.50	8.0	0.75	12.0	1.1	18.0	1.5	24.0
	DOF	3.0	0.011	3.0	0.011	3.0	0.011	3.0	0.011	3.0	0.011	3.0	0.011
	F. 1/4"	9.7 x 12.9	0.60 x 0.81	7.2 x 9.7	0.45 x 0.60	5.4 x 7.3	0.34 x 0.45	3.6 x 4.8	0.22 x 0.30	2.4 x 3.2	0.15 x 0.20	1.8 x 2.4	0.11 x 0.15
	O. 1/3"	-----	-----	9.6 x 12.8	0.60 x 0.80	7.2 x 9.6	0.45 x 0.60	4.8 x 6.4	0.30 x 0.40	3.2 x 4.2	0.20 x 0.26	2.4 x 3.2	0.15 x 0.20
	V. 1/2"	-----	-----	-----	-----	9.6 x 12.8	0.60 x 0.80	6.4 x 8.5	0.40 x 0.53	4.2 x 5.6	0.26 x 0.35	3.2 x 4.2	0.20 x 0.26
mm 2/3"	-----	-----	-----	-----	-----	-----	8.8 x 11.7	0.55 x 0.73	5.8 x 7.8	0.36 x 0.48	4.4 x 5.8	0.27 x 0.36	
2.0 30-37-34 WD: 37mm	NA	0.018	0.30	0.018	0.30	0.018	0.30	0.018	0.30	0.018	0.30	0.018	0.30
	MAG	0.38	6.0	0.50	8.0	0.67	10.7	1.0	16.0	1.5	24.0	2.0	32.0
	DOF	1.7	0.0060	1.7	0.0060	1.7	0.0060	1.7	0.0060	1.7	0.0060	1.7	0.0060
	F. 1/4"	7.2 x 9.7	0.45 x 0.60	5.4 x 7.3	0.34 x 0.45	4.0 x 5.4	0.25 x 0.34	2.7 x 3.6	0.17 x 0.22	1.8 x 2.4	0.11 x 0.15	1.3 x 1.8	0.085 x 0.11
	O. 1/3"	-----	-----	7.2 x 9.6	0.45 x 0.60	5.4 x 7.2	0.33 x 0.45	3.6 x 4.8	0.22 x 0.30	2.4 x 3.2	0.15 x 0.20	1.8 x 2.4	0.11 x 0.15
	V. 1/2"	-----	-----	-----	-----	7.2 x 9.6	0.45 x 0.60	4.8 x 6.4	0.30 x 0.40	3.2 x 4.2	0.20 x 0.26	2.4 x 3.2	0.15 x 0.20
mm 2/3"	-----	-----	-----	-----	-----	-----	6.6 x 8.8	0.41 x 0.55	4.4 x 5.8	0.27 x 0.36	3.3 x 4.4	0.20 x 0.27	