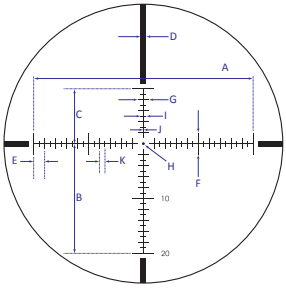

MOA-1

Using your SIIISS LR MOA-1 Reticle

SIGHTRON

One MOA (Minute of Angle) is equal to 1.047 inches at 100 yards.

MOA based reticles allow you to range targets to determine distance.

To determine the range of your target simply divide the height or width of the target in inches by the MOA on the reticle x 95.5 yards.

Example: $\frac{\text{Target Size in Inches} = 5 \text{ Inches}}{\text{Target Size in MOA} = 2 \text{ MOA}}$ x 95.5 yards = $\frac{5 \text{ Inches}}{2 \text{ MOA}}$ x 95.5 yards = 238 yards

Resetting your Tactical Knobs to Zero

Your SIII MOA Scope is equipped with tactical style knobs. To reset your knobs to zero after sight in simply hold the knob and remove the #20 torx screw from the top of the windage or elevation knob by turning counter clockwise.

Retighten after seting the knob to the zero mark. Do not over tighten.

Data valid for the following models: SIIISS624x50LR, SIIISS832x56LR & SIIISS1050x60LR Only

All values in MOA at 100 yards @ 24x

	Magnification	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Dimension A	Left to Right Windage bars in MOA	160	137.143	120	106.667	96	87.273	80	73.846	68.571	64	60	56.471	53.333	50.526	48
Dimension B	MOA below center line	80	68.571	60	53.333	48	43.636	40	36.923	34.286	32	30	28.235	26.667	25.263	24
Dimension C	MOA above center line	40	34.286	30	26.667	24	21.818	20	18.462	17.143	16	15	14.118	13.333	12.632	12
Dimension D	Diameter of MOA bars	4	3.429	3	2.667	2.4	2.182	2	1.846	1.714	1.6	1.5	1.412	1.333	1.263	1.2
Dimension E	MOA distance of two spacing	8	6.857	6	5.333	4.8	4.364	4	3.692	3.429	3.2	3	2.824	2.667	2.526	2.4
Dimension F	Height and width of 10 MOA bars Windage and Elevation	16	13.714	12	10.667	9.6	8.727	8	7.385	6.857	6.4	6	5.647	5.333	5.053	4.8
Dimension G	Height and width of 2 MOA bars Windage and Elevation	8	6.857	6	5.333	4.8	4.364	4	3.692	3.429	3.2	3	2.824	2.667	2.526	2.4
Dimension H	Center Dot diameter in MOA	1	0.857	0.75	0.667	0.6	0.545	0.5	0.462	0.429	0.4	0.375	0.353	0.333	0.316	0.3
Dimension I	Height and width of 1 MOA bars Windage and Elevation	4	3.429	3	2.667	2.4	2.182	2	1.846	1.714	1.6	1.5	1.412	1.333	1.263	1.2
Dimension J	Diameter of W/E centerline in MOA	0.4	0.343	0.3	0.267	0.24	0.218	0.2	0.185	0.171	0.16	0.15	0.141	0.133	0.126	0.12
Dimension K	MOA distance of one spacing	4	3.429	3	2.667	2.4	2.182	2	1.846	1.714	1.6	1.5	1.412	1.333	1.263	1.2

	Magnification	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Dimension A	Left to Right Windage bars in MOA	45.714	43.636	41.739	40	38.4	36.923	35.556	34.286	33.103	32	30.968	30	29.091	28.235	27.429
Dimension B	MOA below center line	22.857	21.818	20.87	20	19.2	18.462	17.778	17.143	16.552	16	15.484	15	14.545	14.118	13.714
Dimension C	MOA above center line	11.429	10.909	10.435	10	9.6	9.231	8.889	8.571	8.276	8	7.742	7.5	7.273	7.059	6.857
Dimension D	Diameter of MOA bars	1.143	1.091	1.043	1	0.96	0.923	0.889	0.857	0.828	0.8	0.774	0.75	0.727	0.706	0.686
Dimension E	MOA distance of two spacing	2.286	2.182	2.087	2	1.92	1.846	1.778	1.714	1.655	1.6	1.548	1.5	1.455	1.412	1.371
Dimension F	Height and width of 10 MOA bars Windage and Elevation	4.571	4.364	4.174	4	3.84	3.692	3.556	3.429	3.31	3.2	3.097	3	2.909	2.824	2.743
Dimension G	Height and width of 2 MOA bars Windage and Elevation	2.286	2.182	2.087	2	1.92	1.846	1.778	1.714	1.655	1.6	1.548	1.5	1.455	1.412	1.371
Dimension H	Center Dot diameter in MOA	0.286	0.273	0.261	0.25	0.24	0.231	0.222	0.214	0.207	0.2	0.194	0.188	0.182	0.176	0.171
Dimension I	Height and width of 1 MOA bars Windage and Elevation	1.143	1.091	1.043	1	0.96	0.923	0.889	0.857	0.828	0.8	0.774	0.75	0.727	0.706	0.686
Dimension J	Diameter of W/E centerline in MOA	0.114	0.109	0.104	0.1	0.096	0.092	0.089	0.086	0.083	0.08	0.077	0.075	0.073	0.071	0.069
Dimension K	MOA distance of one spacing	1.143	1.091	1.043	1	0.96	0.923	0.889	0.857	0.828	0.8	0.774	0.75	0.727	0.706	0.686

	Magnification	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Dimension A	Left to Right Windage bars in MOA	26.667	25.946	25.263	24.615	24	23.415	22.857	22.326	21.818	21.333	20.87	20.426	20	19.592	19.2
Dimension B	MOA below center line	13.333	12.973	12.632	12.308	12	11.707	11.429	11.163	10.909	10.667	10.435	10.213	10	9.796	9.6
Dimension C	MOA above center line	6.667	6.486	6.316	6.154	6	5.854	5.714	5.581	5.455	5.333	5.217	5.106	5	4.898	4.8
Dimension D	Diameter of MOA bars	0.667	0.649	0.632	0.615	0.6	0.585	0.571	0.558	0.545	0.533	0.522	0.511	0.5	0.49	0.48
Dimension E	MOA distance of two spacing	1.333	1.297	1.263	1.231	1.2	1.171	1.143	1.116	1.091	1.067	1.043	1.021	1	0.98	0.96
Dimension F	Height and width of 10 MOA bars Windage and Elevation	2.667	2.595	2.526	2.462	2.4	2.341	2.286	2.233	2.182	2.133	2.087	2.043	2	1.959	1.92
Dimension G	Height and width of 2 MOA bars Windage and Elevation	1.333	1.297	1.263	1.231	1.2	1.171	1.143	1.116	1.091	1.067	1.043	1.021	1	0.98	0.96
Dimension H	Center Dot diameter in MOA	0.167	0.162	0.158	0.154	0.15	0.146	0.143	0.14	0.136	0.133	0.13	0.128	0.125	0.122	0.12
Dimension I	Height and width of 1 MOA bars Windage and Elevation	0.667	0.649	0.632	0.615	0.6	0.585	0.571	0.558	0.545	0.533	0.522	0.511	0.5	0.49	0.48
Dimension J	Diameter of W/E centerline in MOA	0.067	0.065	0.063	0.062	0.06	0.059	0.057	0.056	0.055	0.053	0.052	0.051	0.05	0.049	0.048
Dimension K	MOA distance of one spacing	0.667	0.649	0.632	0.615	0.6	0.585	0.571	0.558	0.545	0.533	0.522	0.511	0.5	0.49	0.48