



One Mil (MRAD) is equal to 10 centimeters at 100 meters. (3.6 Inches @ 100 Yards)

Mil based reticles allow you to range targets to determine distance.
To determine the range of your target in meters divide the height or width of the target in meters by the Mils on the reticle x 1000.

Example:
$$\frac{\text{Target Height or Width in Meters} \times 1000}{\text{Target in Mils}} = \frac{2 \text{ meters} \times 1000}{2 \text{ Mils}} = 1000 \text{ meters}$$

Resetting your Tactical Knobs to Zero

Your SIISS1050x60LRIRMH 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 setting the knob to the Zero Mark.
Do not over tighten

ILLUMINATED MIL-HASH RETICLE

All values in Mil at 100 meters. *Data Valid for SIISS1050x60LRIRMH @24x.

	Magnification
Dimension A	Left to Right Windage Bars in Mil
Dimension B	Mil below center line
Dimension C	Mil distance of spacing
Dimension D	Diameter of W/E Centerline in Mil
Dimension E	Mil distance of spacing
Dimension F	Height and width of 1 Mil BARS Windage and Elevation
Dimension G	Height and width of .5 Mil BARS Windage and Elevation
Dimension H	Center Dot Diameter in Mils
Dimension I	Mil distance of spacing
Dimension J	Height and width of .25 Mil BARS Windage and Elevation

10	11	12	13	14	15	16	17	18	19
24.000	21.818	20.000	18.462	17.143	16.000	15.000	14.118	13.333	12.632
12.000	10.909	10.000	9.231	8.571	8.000	7.500	7.059	6.667	6.316
2.400	2.182	2.000	1.846	1.714	1.600	1.500	1.412	1.333	1.263
0.062	0.057	0.052	0.048	0.045	0.042	0.039	0.037	0.035	0.033
1.200	1.091	1.000	0.923	0.857	0.800	0.750	0.706	0.667	0.632
1.200	1.091	1.000	0.923	0.857	0.800	0.750	0.706	0.667	0.632
0.600	0.545	0.500	0.462	0.429	0.400	0.375	0.353	0.333	0.316
0.175	0.159	0.146	0.135	0.125	0.117	0.110	0.103	0.097	0.092
0.600	0.545	0.500	0.462	0.429	0.400	0.375	0.353	0.333	0.316
0.300	0.273	0.250	0.231	0.214	0.200	0.188	0.176	0.167	0.158

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20	21	22	23	24	25	26	27	28	29
12.000	11.429	10.909	10.435	10.000	9.600	9.231	8.889	8.571	8.276
6.000	5.714	5.455	5.217	5.000	4.800	4.615	4.444	4.286	4.138
1.200	1.143	1.091	1.043	1.000	0.960	0.923	0.889	0.857	0.828
0.031	0.030	0.028	0.027	0.026	0.025	0.024	0.023	0.022	0.022
0.600	0.571	0.545	0.522	0.500	0.480	0.462	0.444	0.429	0.414
0.600	0.571	0.545	0.522	0.500	0.480	0.462	0.444	0.429	0.414
0.300	0.286	0.273	0.261	0.250	0.240	0.231	0.222	0.214	0.207
0.088	0.083	0.080	0.076	0.073	0.070	0.067	0.065	0.063	0.060
0.300	0.286	0.273	0.261	0.250	0.240	0.231	0.222	0.214	0.207
0.150	0.143	0.136	0.130	0.125	0.120	0.115	0.111	0.107	0.103

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30	31	32	33	34	35	36	37	38	39
8.000	7.742	7.500	7.273	7.059	6.857	6.667	6.486	6.316	6.154
4.000	3.871	3.750	3.636	3.529	3.429	3.333	3.243	3.158	3.077
0.800	0.774	0.750	0.727	0.706	0.686	0.667	0.649	0.632	0.615
0.021	0.020	0.020	0.019	0.018	0.018	0.017	0.017	0.016	0.016
0.400	0.387	0.375	0.364	0.353	0.343	0.333	0.324	0.316	0.308
0.400	0.387	0.375	0.364	0.353	0.343	1.800	0.324	0.316	0.308
0.200	0.194	0.188	0.182	0.176	0.171	0.167	0.162	0.158	0.154
0.058	0.057	0.055	0.053	0.052	0.050	0.049	0.047	0.046	0.045
0.200	0.194	0.188	0.182	0.176	0.171	0.167	0.162	0.158	0.154
0.100	0.097	0.094	0.091	0.088	0.086	0.083	0.081	0.079	0.077

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40	41	42	43	44	45	46	47	48	49	50
6.000	5.854	5.714	5.581	5.455	5.333	5.217	5.106	5.000	4.898	4.800
3.000	2.927	2.857	2.791	2.727	2.667	2.609	2.553	2.500	2.449	2.400
0.600	0.585	0.571	0.558	0.545	0.533	0.522	0.511	0.500	0.490	0.480
0.016	0.015	0.015	0.015	0.014	0.014	0.014	0.013	0.013	0.013	0.012
0.300	0.293	0.286	0.279	0.273	0.267	0.261	0.255	0.250	0.245	0.240
0.300	0.293	0.286	0.279	0.273	0.267	0.261	0.255	0.250	0.245	0.240
0.150	0.146	0.143	0.140	0.136	0.133	0.130	0.128	0.125	0.122	0.120
0.044	0.043	0.042	0.041	0.040	0.039	0.038	0.037	0.037	0.036	0.035
0.150	0.146	0.143	0.140	0.136	0.133	0.130	0.128	0.125	0.122	0.120
0.075	0.073	0.071	0.070	0.068	0.067	0.065	0.064	0.063	0.061	0.060