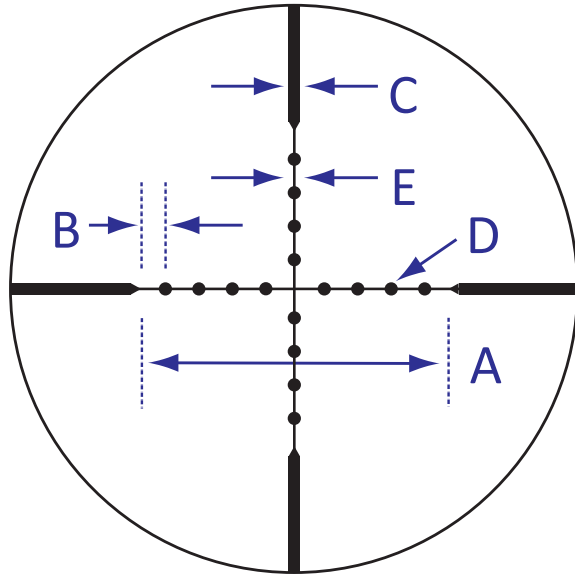# Using your SIH39X40MD Reticle

SIGHTRON®

Mil Dot Reticle

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 divide the height of the target in meters divided by the Mils on the reticle x 1000 meters.

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

※Data Valid for SIH39X40MD Only

	Magnification	3	4	5	6	7	8	9
Dimension A	Left to Right Windage Bars in Mils	30	22.5	18	15	12.857	11.25	10
Dimension B	Distance of One Mil Spacing	3	2.25	1.8	1.5	1.286	1.125	1
Dimension C	Width of Wide Bracket Bars in Mils	0.99	0.743	0.594	0.495	0.424	0.371	0.33
Dimension D	Diameter of Dot in Mils	0.66	0.495	0.396	0.33	0.283	0.248	0.22
Dimension E	Diameter of Line Thickness in Mils	0.081	0.061	0.049	0.041	0.035	0.03	0.027

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