MOA-20

SIGHTRON®

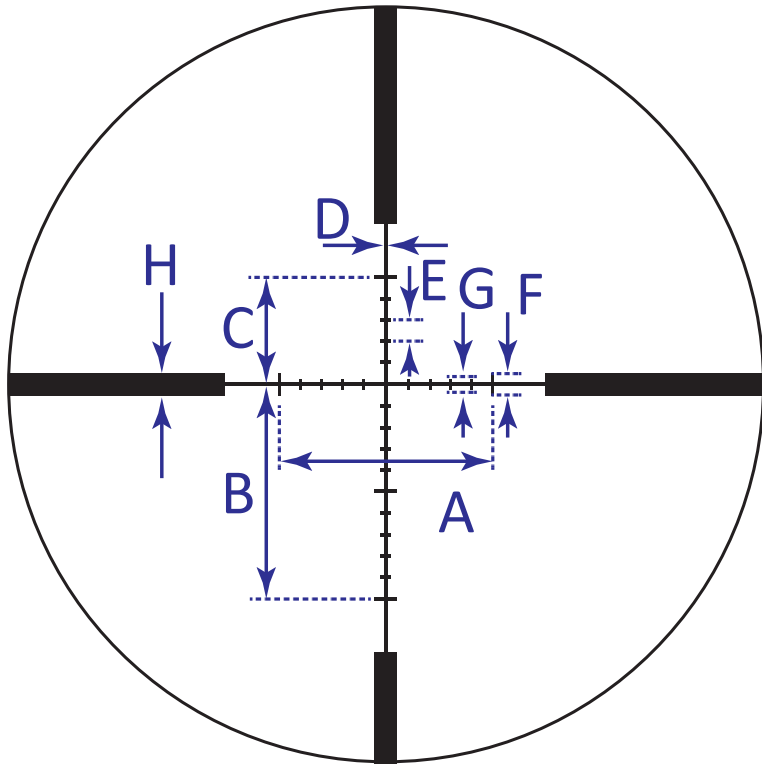# Using Your S1 412X40AOG2 MOA-20 RETICLE

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, multiply the height or width of the target in MOA x(100) then divided by the MOA on the reticle.

$$\text{Example:} \quad \frac{\text{Target Height or Width in MOA x 100}}{\text{Target in MOA}} = \frac{10 \text{ MOA x } 100}{2 \text{ MOA}} = 500 \text{ yards}$$

Data Valid For S1 412x40AOG2 MOA-20
All Values in MOA at 100 yards

Magnification	4	5	6	7	8	9	10	11	12
Dimension A Left to right windage bars in MOA	60	48	40	34.3	30	26.7	24	21.8	20
Dimension B MOA below center line	60	48	40	34.3	30	26.7	24	21.8	20
Dimension C MOA above center line	30	24	20	17.1	15	13.3	12	10.9	10
Dimension D Width of W/E center line in MOA	0.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2
Dimension E Distance of one spacing in MOA	6	4.8	4	3.4	3	2.7	2.4	2.2	2
Dimension F Height and width of 10 MOA bars windage and elevation	6	4.8	4	3.4	3	2.7	2.4	2.2	2
Dimension G Height and width of 2 MOA bars windage and elevation	3	2.4	2	1.7	1.5	1.3	1.2	1.1	1
Dimension H Width of heavy bars in MOA	6	4.8	4	3.4	3	2.7	2.4	2.2	2