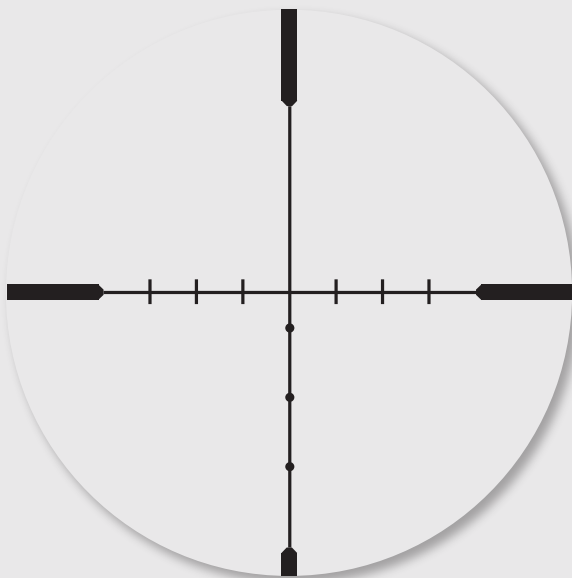
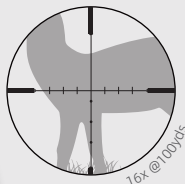


VOW-10BDC MOA SFP RETICLE

The VOW-10BDC reticle is designed for long-range precision shooting with small caliber, high-velocity rifles. It features a combination of bold stadia lines and fine substensions that facilitate accurate holdovers and windage adjustments at various distances. The central aiming point, typically set at the zero distance (200 yards), serves as the primary point of aiming. The total length of each horizontal line is 8 MOA and each gap is 2 MOA. The vertical line extends below the central point with dots indicating pre-determined bullet drop compensations at specific distances (200 yards, 300 yards, 450 yards etc.).

For VOW-10BDC reticle, the suspension is valid at 10x.

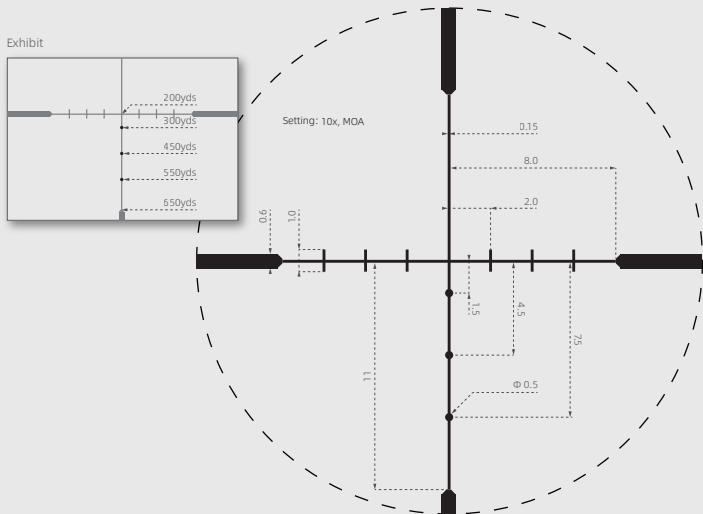


COMPENSATION BULLET DROP

The VOW-10BDC reticle is designed for bullet drop compensation, shooters can estimate bullet holdover at long distances. The hash marks below the reticle center can offer bullet-drop reference for all distances.

The VOW-10BDC reticle is designed to follow the trajectory of a .223/556 rifle bullet, with the gap increasing each time to better match fixed distances.

There are various firearms that the VOW-10BDC reticle can be used with, like high powered rifles, rimfire rifles, black powder rifles, slug shotguns and so on. The hash marks of this reticle can also be used as reference for bullet drift compensation in windy days or to estimate range.

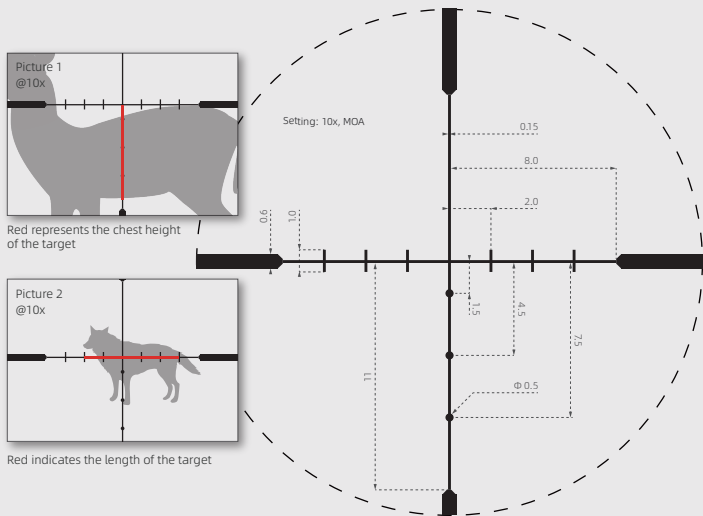


HOW TO MEASURE TARGET HEIGHT & LENGTH

The VOW-10BDC reticle can also help the shooter estimate the range to a target. If the shooter knows the target object's size at shooting distance, then he can compare it to either the vertical or horizontal hash mark spacing and roughly estimate the range.

The formula for range estimation is as follows:

Range (yards) = Target Height or Width (inches) * 100 / Target Height or Width measured on reticle (MOA)



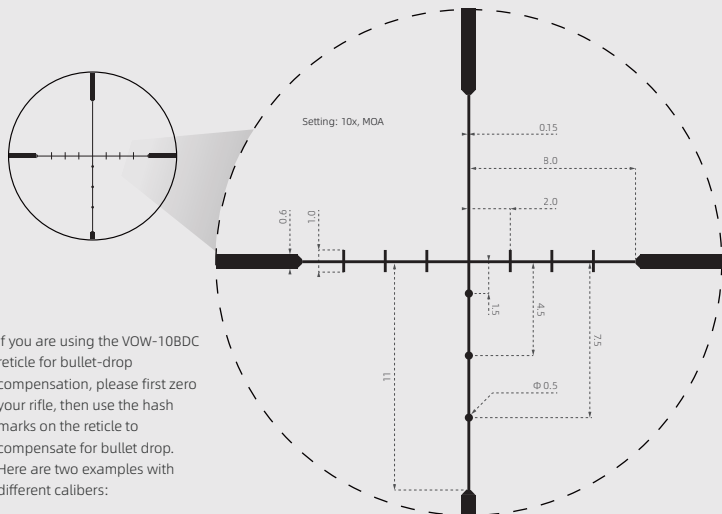
Reticle at 10x, If a shooter is looking at a deer, its chest height is 18 inches, and it spans about 9MOAs on the vertical line. Using the formula above, the range to the elk is calculated as follows:

Range = 18 (inches) * 100 / 9 MOA = 200 (yards)

Reticle at 10x, If a shooter is looking at a 60 inches long wolf, and it spans about 10MOAs on the horizontal line. Using the formula above, the range to the coyote is calculated as follows:

Range = 60 (inches) * 100 / 10 MOA = 600 (yards)

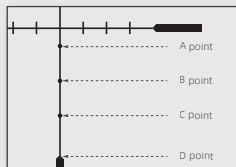
USING FOR BULLET DROP COMPENSATION



If you are using the VOW-10BDC reticle for bullet-drop compensation, please first zero your rifle, then use the hash marks on the reticle to compensate for bullet drop. Here are two examples with different calibers:

.223, 5.56 ZERO @200yds

A point: 300yds | 4.5" drop
 B point: 400yds | 18" drop
 C point: 500yds | 37.5" drop
 D point: 600yds | 66" drop



.308, 7.62 ZERO @100yds

A point: 200yds | 1.5 MOA
 B point: 300yds | 4.5 MOA
 C point: 400yds | 7.5 MOA
 D point: 500yds | 11 MOA

