Note: The Dead-Hold® BDC reticle is used in second focal plane riflescopes. Most commonly, the MOA subtensions are valid at the highest magnification. Please check the Product Manual to confirm the subtended magnification for your scope.

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VORTEX

DEAD-HOLD® BDC MOA RETICLE

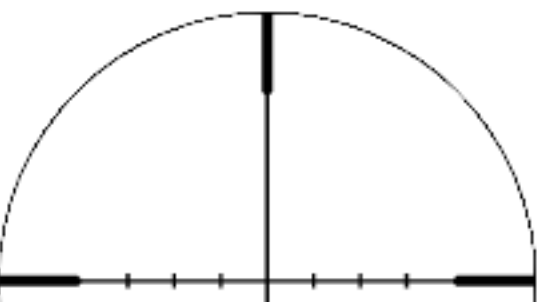### Using the Reticle for Bullet-Drop Compensation

Rifle/ammo combinations are put into ballistic classes where bullet-drops will be predictable.

Begin by choosing one of the listed Firearm Classes. If your firearm does not fall exactly into one of these classes, select the class which is most similar, or use the Precision Technique detailed in the next section. The Vortex® Long Range Ballistic Calculator is a handy tool to compare your bullet-drop numbers to the ones listed for each class. You can find it at vortexoptics.com.

After selecting a class, sight-in the crosshair at the recommend zero range for that class. (Consult the Product Manual for proper sight-in procedure). Once the rifle has been sighted-in, the lower hashmarks can be used as aiming points at the corresponding distances listed.

Note: Use the classes as a starting point, the values can be refined at the range or using a ballistic calculator. If you require greater accuracy or have a round that does not fall within one of the classes, use the Precision Technique detailed in the next section.

Remember the listed ranges will only apply with the scope set to the calibrated magnification. The center crosshair and its corresponding zero distance can always be used at any magnification.

CLASS A

High Power: 30-06, .308, .270, 6.5 Creedmoor®
(Crosshair zeroed at 100 yds.)

AIMING REFERENCE	DISTANCE	SUBTENSION
Crosshair	100 yds.	—
1st Hashmark	200 yds.	1.5 MOA
2nd Hashmark	300 yds.	4.5 MOA
3rd Hashmark	400 yds.	7.5 MOA
Top of Bottom Post	500 yds.	11 MOA

CLASS B

High Power/Magnum: 300 Win-Mag, 7mm Rem Mag
(Crosshair zeroed at 200 yds.)

AIMING REFERENCE	DISTANCE	SUBTENSION
Crosshair	200 yds.	—
1st Hashmark	300 yds.	1.5 MOA
2nd Hashmark	400 yds.	4.5 MOA
3rd Hashmark	500 yds.	7.5 MOA
Top of Bottom Post	600 yds.	11 MOA

CLASS C

High Velocity Small Caliber: .223, 5.56, .243
(Crosshair zeroed at 200 yds.)

AIMING REFERENCE	DISTANCE	SUBTENSION
Crosshair	200 yds.	—