

**STRIKE EAGLE**™



RETICLE MANUAL  
1-6 x 24 AR-BDC | MOA

### The Vortex® AR-BDC Reticle

The Vortex® exclusive AR-BDC reticle facilitates rapid shooting at distances from 20 to 600 yards with popular .223 / 5.56mm and .308 / 7.62mm loads.

This versatile reticle can also be used effectively with a wide variety of other firearms and loads using the Precision BDC Technique outlined on page 4 of this manual.



AR-BDC Reticle

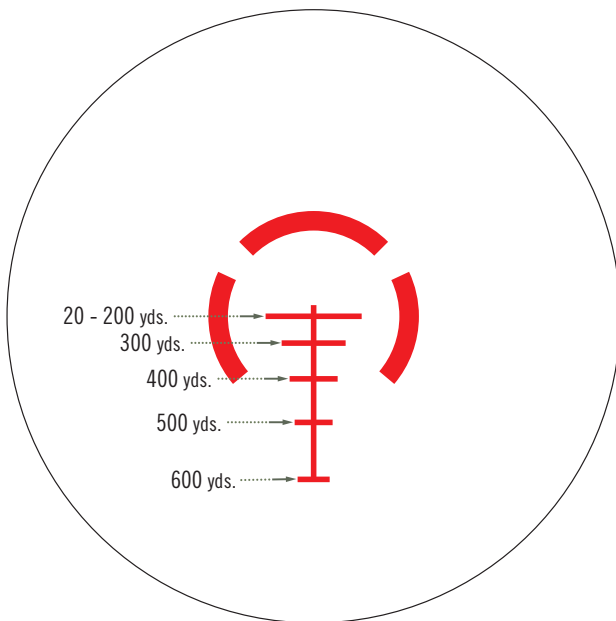
## RIFLESCOPE ADJUSTMENTS

### Using the Reticle for Bullet Drop Compensation

#### Standard BDC Technique

Most rifles will work well zeroed in at 50 yards using the center crosshair. Consult the riflescope owner's manual for sight-in techniques. For most popular 5.56mm / .223 loads, the center crosshair will then provide good accuracy from 20 to 200 yards. For most popular 7.62mm / .308 loads, the center crosshair will provide good accuracy from 20 to 150 yards.

At further distances, the lower hashmarks can be used as aiming points at the corresponding ranges listed on page 3.



### Standard Bullet Drop for Popular 5.56 mm / .223 Loads

Main crosshair zeroed 50 yards, use from 20 to 200 yards:

Hashmark	Distance
1st	300 Yards
2nd	400 Yards
3rd	500 Yards
4th	600 Yards

### Standard Bullet Drop for Popular 7.62 mm / .308 Loads

Main crosshair zeroed 50 yards, use from 20 to 150 yards:

Hashmark	Distance
1st	230 Yards
2nd	330 Yards
3rd	440 Yards
4th	570 Yards

**Note:** It is important to understand that the drop hashmarks are designed to work with the riflescope set at the highest 6x magnification. The main crosshair, and its corresponding zero distance, can always be used at any magnification.

## Using the Reticle for Bullet Drop Compensation

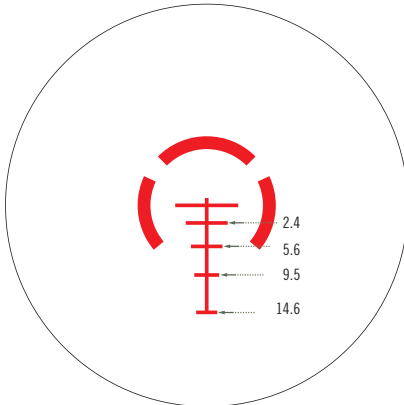
### Precision BDC Technique

If you wish to get the very best accuracy from the AR-BDC reticle or work with loads and zeros other than those listed here, you can custom match the exact ballistics of your particular load to the drop hashmarks of the reticle using ballistic programs such as Vortex's LRBC (Long Range Ballistics Calculator).



Visit [vortexoptics.com](http://vortexoptics.com) for the Vortex Long Range Ballistics Calculator.

The basic technique is to input your load data and environmental conditions into the LRBC program and then generate a drop chart. Select MOAs for the drop display, and choose 10-Yard Range Increments. Look for MOA drops on the chart that are close as possible to the MOA drops shown on the reticle image below. Then, simply cross reference the listed yardage numbers—save these yardages for field reference and use.



## Using the Reticle for Range Estimation

The AR-BDC reticle can be used to quickly estimate ranges when viewing objects of known dimensions of either 9" or 18". To be accurate, ranging will require the StrikeEagle to be set to 6X magnification.

Distance will be approximately 100 yards when diameter of circle pattern matches an 18" object or radius of circle matches a 9" object.

Distance will be approximately 200 yards when total width of first horizontal mark matches an 18" object or half width of line matches a 9" object.

Distance will be approximately 300 yards when total width of second horizontal mark matches an 18" object or half width of line matches a 9" object.

Distance will be approximately 400 yards when total width of third horizontal mark matches an 18" object or half width of line matches a 9" object.

Distance will be approximately 500 yards when total width of fourth horizontal mark matches an 18" object or half width of line matches a 9" object.

Distance will be approximately 600 yards when total width of fifth horizontal mark matches an 18" object or half width of line matches a 9" object.

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