

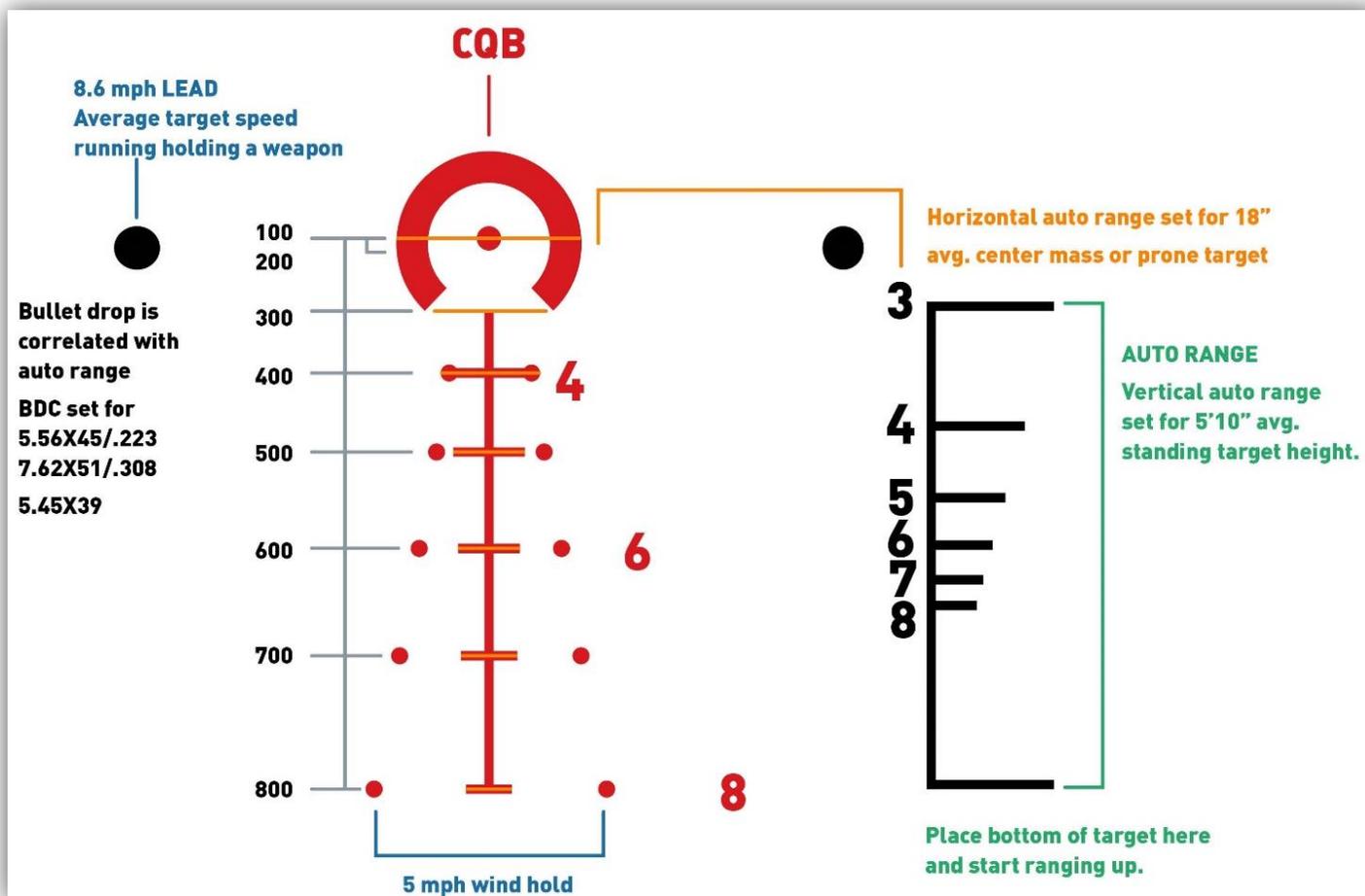


**READ  
THIS  
FIRST!**

**PRIMARY ARMS®**  
**1-6X Scope**  
with Patented ACSS® Reticle

**PAPS1-6X**

**"Advanced Combined Sighting System" combining Bullet Drop Compensation, Range Estimation, Wind and Leads in one easy to use system.**



#### **ACHIEVING CLEAR PICTURE**

The first step is to focus the reticle by using the diopter ring at the rear of the eyepiece. Looking at a light background the reticle should appear sharp and crisp. If it does not, you need to adjust the ring. If you are farsighted, turn the ring clockwise a few turns; if nearsighted, turn it counter clockwise. Look at the scope with quick glances and adjust until it is clear. This is a one-time adjustment.

Scope must be at 6X in order to utilize the ACSS® medium range portion. Use 1-5X for CQB and 6X for medium to long range. BDC will not line up unless you are 6X. Numbers and crosshair might appear small when not looking at the range they are set for

which is 400-800 yards. When shooting at those ranges, we advise you do so in the prone position.

Your new scope comes with a three year warranty for any manufacturer defects. If you have any questions, please do not hesitate to email or call.

Email: [info@PrimaryArms.com](mailto:info@PrimaryArms.com)  
713-344-9600

[www.primaryarms.com](http://www.primaryarms.com)

#### **GETTING TO KNOW THE ACSS® RETICLE**

ACSS® (Advanced Combined Sighting System) is a giant leap forwards in reticle design that utilizes bullet drop compensation correlated with a range estimation, wind, and leads in one simple to use system. The ACSS® reticle increases first hit ratio and decreases time of engagement dramatically. It is a two-part reticle that allows you to be very fast from 0 to 300 yards and very accurate from 400 to 800 yards



PRIMARY ARMS®

## ESTABLISHING ZERO

Using bipod and sandbags, preferably on a bench or in the prone position, at 6X, adjust your turrets to dial in your point of impact (5) rounds at 100 yards to center dot. Each click is ½ MOA OR ½ INCH at 100 yards. How high up or down you dial in depends on your rifle and ammunition covered in the ballistic section.

## GETTING TO KNOW YOUR BULLET DROP COMPENSATION (BDC)

Gravity will affect your bullet's trajectory or path. The BDC starts at the center dot and finishes at the 800 yard mark indicated by the number (8). We recommend you to establish a steady position in order to utilize the BDC.

## UNDERSTANDING THE WIND OR DRIFT

Wind will drift the bullet left or right depending on its direction.

Understanding wind is very important. Even a 2 MPH wind at 90 degree angle can drift your round over 18" at 600 yards. So for example, if you have approximately a 2.5 mph wind, you would hold half way to the dot. If you have a 10 mph wind, you would double the hold of the dot and so on.

## LEADING YOUR TARGET

The average target moves at 8.6 MPH. The "lead dots" are set for a 90 degree angle. Depending on the direction of the target, fire using the "lead dots" instead of the center dot in red. They are best used at 100 to 300 yards and are highly effective on targets of opportunity.

## HOW TO RANGE YOUR TARGET

Knowing the proper range of your target, it is crucial in order to have the right hold on your BDC. Note that the 18" portion can also be used to range predator (shoulder to hip) and some small game with an 18" measurement.

## DIALING IN FOR YOUR BARREL LENGTH AND AMMUNITION

Primary Arms®  
"ACSS UNIVERSAL"  
.223/5.56 5.45/39 7.62X51mm/.308

## Establishing (0) or dialing in your scope

Depending on type of ammunition, barrel length, and weather conditions, the [POI] will vary. This chart is based on a 100 yard zero +/- with exception to the 50 yard 0 recommended for M193/14.5" barrels.

## How to use the zero chart

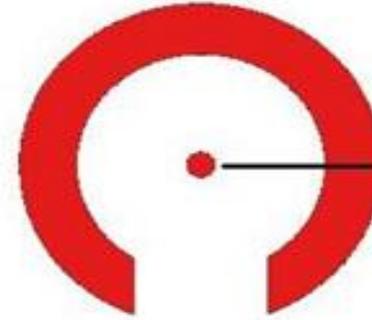
Find your type of ammo on the left top corner. Starting on left locate your barrel length. Line up with your elevation and dial in +/- inches at 100 yards

For more information on how to use your beloved ACSS® reticle, please check out our YouTube video at <http://youtu.be/nxwaiDeXP8c>

## Specifications & Features

**Tube Diameter:** 30mm  
**Magnification:** 1-6X24  
**Exit Pupil:** 10 mm - 4 mm  
**Eye Relief:** 4.5 in. - 4 in.  
**Field of View at 100 Yards:** 115 ft. - 19.2 ft.  
**Click Value:** ½ MOA  
**W/E Movement Range:** 40 MOA  
**Length:** 10.75 in.  
**Net Weight:** 17.4 oz.

- Red illumination
- Fast focus eyepiece
- Waterproof
- Fully-multi-coated
- 2<sup>nd</sup> focal plane
- 6063 Aluminum



Zero +/- inches at 100 yards using chart below

Zero in using the ballistic chart below according to your altitude and barrel length. Increments are in inches.

5.56mm				
m855 62gr	1000ft	2000ft	3000ft	0 Distance
14.5" Barrel	+1.0	+0.5	0	100 yard
16" Barrel	+0.5	0	-0.5	100 yard
20" Barrel	0	-0.5	-1.0	100 yard
m193 55gr				
1000ft	2000ft	3000ft	0 Distance	
14.5" Barrel	0	0	0	50 yard
16" Barrel	+1.0	+0.5	0	100 yard
20" Barrel	0	0	-0.5	100 yard
.223				
55gr VMAX 0 at 100 yards 3100-3200 fps				
60gr VMAX 0 at 100 yards 3050-3150 fps				
69gr SMK 0 at 100 yards 2900-2950 fps				
75gr HNDY+0.5" at 100 yards 2700-2750 fps				
77gr SMK +1.0" at 100 yards 2700-2750 fps				
7.62x51mm / .308				
M80 147gr +1.0" at 100 yards 2650-2700 fps				
168gr SMK +1.0" at 100 yards 2600-2650 fps				
5.45mm				
7n6 53gr	1000ft	2000ft	3000ft	0 Distance
16" Barrel	0	0	-0.5	100 yard 0



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