



# Trijicon Compact ACOG®



There's a reason the Trijicon ACOG® (Advanced Combat Optical Gunsight) was selected as the official medium-distance engagement optic of the U.S. Marine Corps and U.S. Special Operations Forces. And why more than one million have been produced. Each one is specifically engineered to provide increased hit potential in all lighting conditions, while also providing legendary durability and reliability.

- 1 Ruggedized forged housing delivers combat proven durability and reliability
- 2 Bindon Aiming Concept® (BAC) features both eyes open shooting for improved situational awareness
- 3 Battery free tritium/fiber optic illumination provides brilliant aiming point in any lighting
- 4 BDC reticles available in several magnification models and some with target-ranging reference points
- 5 Fixed magnifications available from 1.5x to 3x

## The Science of Brilliant®

At Trijicon, we are bound by a commitment to industry-leading research, design, and testing to seek innovative aiming solutions that constantly redefine "brilliant." That's why every Trijicon riflescope design is tested to the procedures below.



### > Alaska-to-Africa Temperature Tested

To ensure each family of riflescopes is ready for whatever our users put them through, we perform an "Alaska-to-Africa" temperature shock test with temps from -20°F to 140°F.

### > Immersion Tested

All models are immersion tested, and every riflescope is dry-nitrogen filled to eliminate internal fogging.

### > Solid Zero Tested

Our riflescopes are designed to hold their zero giving you the precision you need. Every model is subjected to 5,000 consecutive rounds, confirming no reticle shift has occurred.

### > Shock & Vibration Tested

All riflescope models are tested to withstand recoil and vibrational stresses without malfunction, so it can take a beating before, during, and after use.

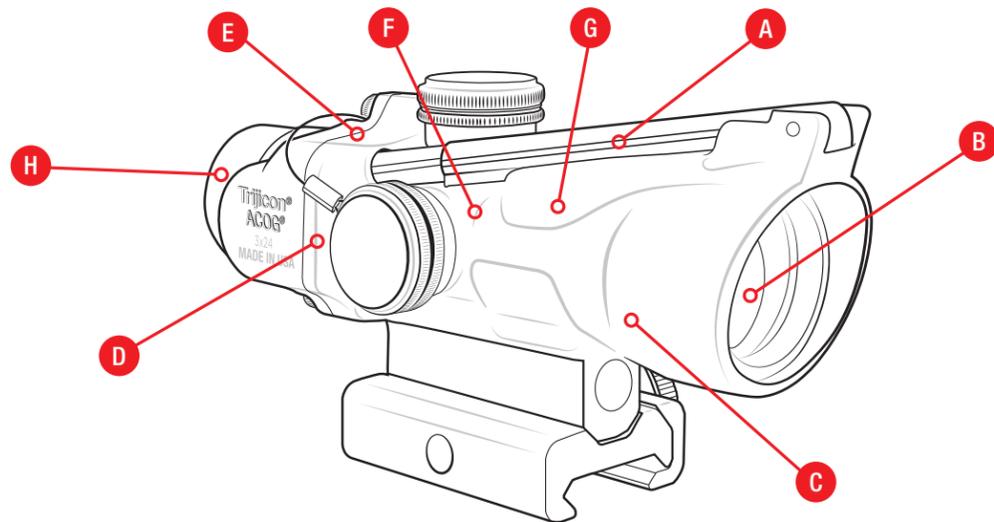
### > Drop Tested

Because we don't believe every drop should be followed by a warranty claim, we drop test each riflescope design to check for durability.

To learn more about The Science of Brilliant and Trijicon products, visit [Trijicon.com/Science](http://Trijicon.com/Science).

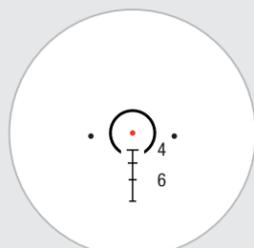
# Features and Benefits

- A Always On, Always Ready**  
All Compact ACOG® models are battery-free, featuring a tritium/fiber optic-illuminated reticle that automatically adjusts the brightness based on available light.
- B Outstanding Clarity**  
The quality of the glass and multi-coated lenses maximizes light-gathering capabilities and clear field of view with zero distortion.
- C Rugged Aluminum-Alloy Housing**  
Fixed-power design allows for minimal moving parts to create a nearly indestructible sighting system.
- D Exact Target Distances & Holds**  
Several Compact ACOG models feature a bullet/bolt drop compensating and target-ranging reticle for decisive aiming.
- E Combat Proven**  
No other magnified optic has been used more in combat than the ACOG.
- F Shock-Resistant**  
Proven to withstand recoil from a .22LR to a .50BMG and everything in between. Easily passes U.S. Military drop test requirements.
- G Waterproof**  
Exceptional waterproof performance. Dry nitrogen-filled to eliminate fogging and tested to perform in both extreme cold and heat.
- H “Both Eyes Open” Design**  
Can be used as a CQB sight when shooting “both eyes open” using the Bindon Aiming Concept® (BAC) feature.

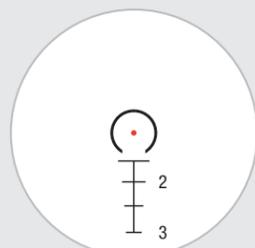


## » NEW Trijicon Compact ACOG® TAC-R™ Reticles

Trijicon® applies the same engineering expertise to our reticles as every part of our optic designs. Our TAC-R™ series of reticles (Trijicon Advanced Combat Reticles) include numerous features such as BDC stadia lines, target-ranging markings, wind holds, and illumination (which aids both-eyes-open shooting).



RTR™ .223 Reticle



RTR™ 9mm PCC Reticle

New to the TAC-R series is the RTR™ (Rapid Target Reticle) for the 1.5x16S and 2x20 ACOG® models. The RTR™ .223 reticle includes a bright fiber optic/tritium 2.0 MOA illuminated center dot, BDC holds to 700 yards for .223 REM 55gr. FMJ ammunition and a 16 in. barrel length, 7.5 MPH crosswind holds at 250 yards, and 19 in. width stadia lines for ranging.

The RTR™ 9mm PCC reticle is specifically designed for 9mm 115gr. FMJ ammunition and a 16 in. barrel length. There is a bright fiber optic/tritium 2.0 MOA illuminated center dot with a horseshoe shroud to aid in getting the reticle on target quickly. Sight the optic in at 50 yards and the stadia lines provides BDC holds out to 300 yards in addition to being 19 in. width to aid in ranging.

# Specifications



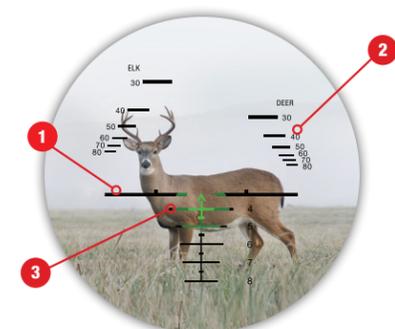
	1.5x16S (TA44 Series)	1.5x24 (TA45 Series)	2x20 (TA47 Series)	3x24 (TA50 Series)	3x30 (TA33 Series)
<b>Magnification</b>	1.5x	1.5x	2x	3x	3x
<b>Objective Lens</b>	16mm	24mm	20mm	24mm	30mm
<b>Eye Relief</b>	2.4 in. 61.0mm	3.6 in. 91.4mm	2.1 in. 53.3mm	1.4 in. 35.6mm	1.9 in. 48.3mm
<b>Exit Pupil</b>	0.42 in. 10.7mm	0.63 in. 16.0mm	0.39 in. 10.0mm	0.31 in. 8.0mm	0.33 in. 8.4mm
<b>Field of View</b> (in degrees)	7.4°	4.9°	5.6°	4.9°	3.7°
<b>Field of View</b>	39.0 ft. @ 100 yds. 12.9m @ 100m	25.6 ft. @ 100 yds. 8.6m @ 100m	29.31 ft. @ 100 yds. 9.8m @ 100m	25.6 ft. @ 100 yds. 8.6m @ 100m	19.3 ft. @ 100 yds. 6.5m @ 100m
<b>Adjustments</b> (Per in. @ 100 yds.)	2 clicks	2 clicks	2 clicks	2 clicks	4 clicks
<b>Dimensions (L x W x H)</b> w/o Mount	4.0 x 1.6 x 2.1 in. 102 x 42 x 53mm	5.8 x 1.6 x 2.1 in. 147 x 42 x 53mm	5.3 x 1.6 x 2.1 in. 135 x 42 x 53mm	5.0 x 1.8 x 2.1 in. 127 x 46 x 53mm	6.1 x 1.6 x 2.1 in. 155 x 42 x 53mm
<b>Weight</b> w/ Mount	5.1 oz. 144.5g	6.3 oz. 179.1g	6.4 oz. 180.6g	6.1 oz. 173.0g	7.8 oz. 221.1g
<b>Illumination Source</b>	Fiber Optics & Tritium				

## » FEATURED Trijicon Compact ACOG® 3x24 XB Scope

The ACOG® Crossbow Scope reticle features Bad River Outdoors® patented ranging system for elk and whitetail deer. The three available reticles have varying bolt drop compensators based on your crossbow speed.

Bolt Speed	ACOG 3x24 XB Scope
300 – 340 fps	TA50-C-400391
340 – 400 fps	TA50-C-400392
400 – 440+ fps	TA50-C-400393

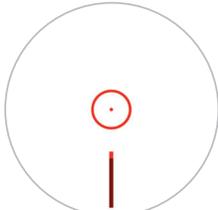
Note: If your bolt speed borders between two models, choose the model with the lower speed.



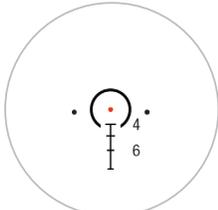
- 1 Hold the bottom line on the belly/rib cage of animal.
- 2 Read the back line.
- 3 Move scope to crosshair that corresponds to the distance.

# Available Reticles

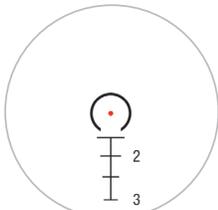
1.5x16S



Circle Dot  

RTR™ .223 Reticle  

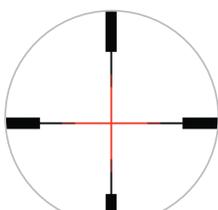



RTR™ 9mm PCC Reticle  


1.5x24

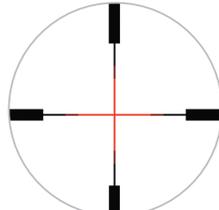


Triangle  

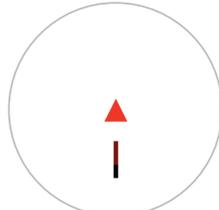



Crosshair  

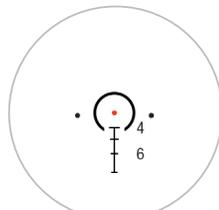

2x20



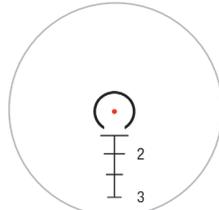
Crosshair  

Triangle  

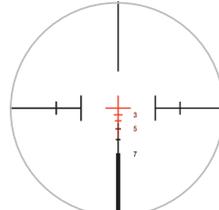



RTR™ .223 Reticle  

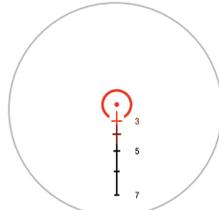



RTR™ 9mm PCC Reticle  


3x24

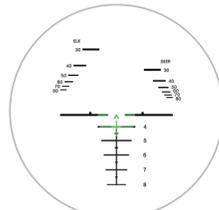


Crosshair  

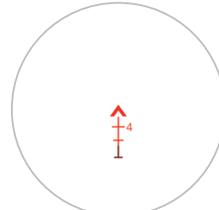
Horseshoe Dot  


3x24 XB

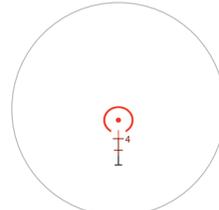


Chevron  

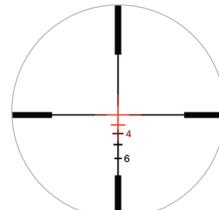

3x30



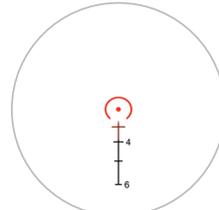
Chevron  

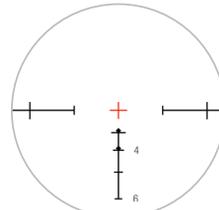
Horseshoe/Dot (5.56)  

Crosshair  

Horseshoe/Dot (7.62x39)  

Crosshair (300BLK)  


Reticles not shown to scale. For a full view of reticles, please visit our website at [Trijicon.com](http://Trijicon.com).