



# Trijicon 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, LED versions also available
- 4 BDC reticles available in most magnifications along with target-ranging reference points
- 5 Fixed magnifications available from 1.5x to 6x

## 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**

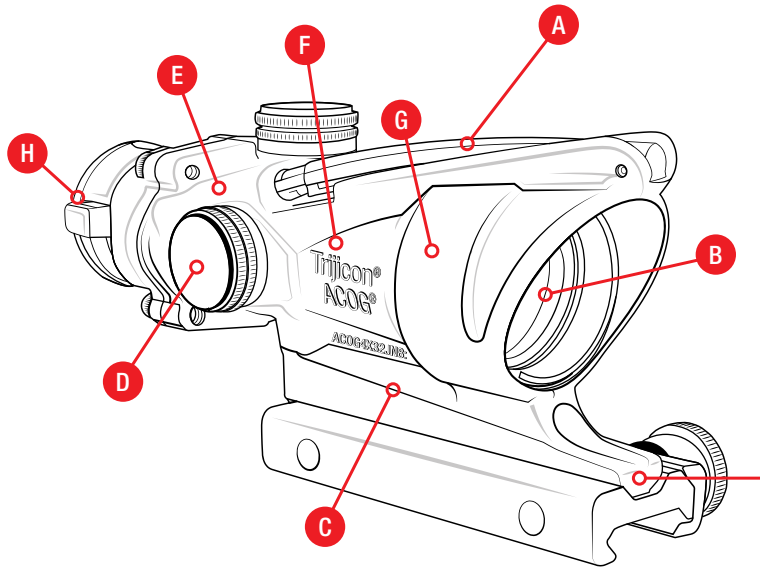
Because we don't believe every drop should be followed by a warranty claim, we drop test each riflescope design to check for durability.

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**  
Most 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**  
Most ACOG models feature a bullet dropcompensating 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.

**OVER ONE MILLION**  
ACOG® 4x32 riflescopes sold

ACOG® / RMR® combo available in 3x30, 3.5x35, 4x32, and 6x48



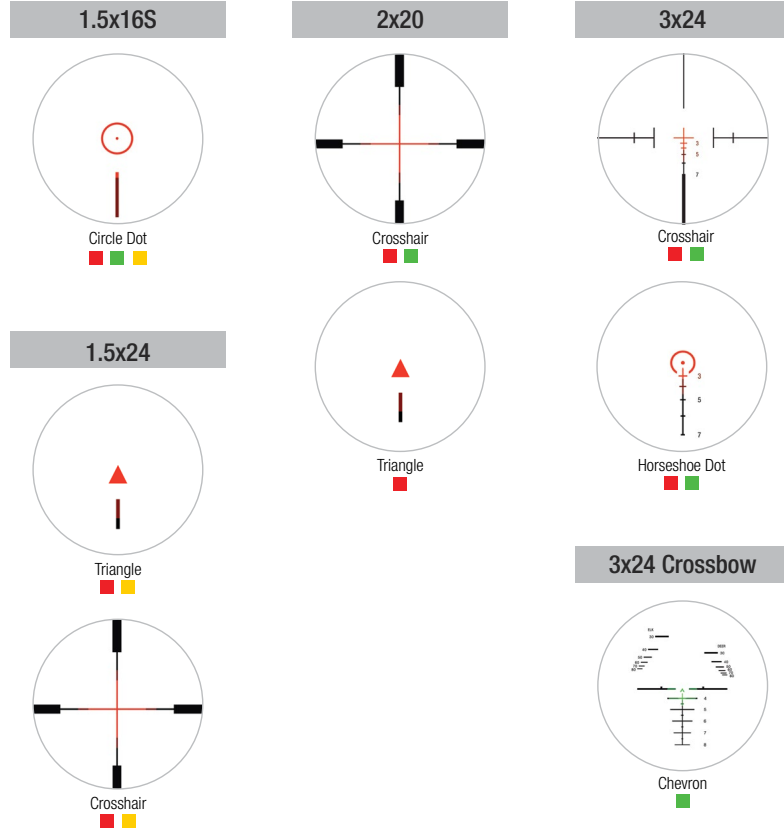
# Specifications

	1.5x16S (TA44 Series)	1.5x24 (TA45 Series)	2x20 (TA47 Series)	3x24 (TA50 Series)	3x30 (TA33 Series)	3.5x35 (TA11 Series)	3.5x35 LED (TA110 Series)	4x32 (TA01 Series)	4x32 BAC (TA31 Series)	4x32 LED (TA02 Series)	5.5x50 (TA55 Series)	6x48 (TA648 Series)
<b>Magnification</b>	1.5x	1.5x	2x	3x	3x	3.5x	3.5x	4x	4x	4x	5.5x	6x
<b>Objective Lens</b>	16mm	24mm	20mm	24mm	30mm	35mm	35mm	32mm	32mm	32mm	50mm	48mm
<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	2.4 in. 61.0mm	2.4 in. 61.0mm	1.5 in. 38.1mm	1.5 in. 38.1mm	1.5 in. 38.1mm	2.2 in. 55.9mm	2.7 in. 68.6mm
<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	0.39 in. 9.9mm	0.39 in. 10.0mm	0.32 in. 8.1mm	0.32 in. 8.1mm	0.32 in. 8.1mm	0.36 in. 9.1mm	0.32 in. 8.1mm
<b>Field of View (in degrees)</b>	7.4°	4.9°	5.6°	4.9°	3.7°	5.5°	5.5°	7.0°	7.0°	7.0°	3.5°	3.3°
<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	28.8 ft. @ 100 yds. 9.6m @ 100m	28.8 ft. @ 100 yds. 9.6m @ 100m	36.6 ft. @ 100 yds. 12.2 @ 100m	36.6 ft. @ 100 yds. 12.2 @ 100m	36.6 ft. @ 100 yds. 12.2 @ 100m	18.3 ft. @ 100 yds. 6.1m @ 100m	17.3 ft. @ 100 yds. 5.8m @ 100m
<b>Adjustments (Per in. @ 100 yds.)</b>	2 clicks	2 clicks	2 clicks	2 clicks	4 clicks	3 clicks	3 clicks	2 clicks	2 clicks	2 clicks	5 clicks	4 clicks
<b>Dimensions (L x W x H) w/o Mount</b>	4.0 x 2.1 x 2.6 in. 102 x 53 x 66mm	5.8 x 2.1 x 2.6 in. 147 x 53 x 66mm	5.3 x 2.1 x 2.6 in. 135 x 53 x 66mm	4.9 x 2.2 x 2.6 in. 124 x 56 x 66mm	6.2 x 2.2 x 2.6 in. 157 x 56 x 66mm	8.0 x 2.1 x 2.9 in. 203 x 53 x 73mm	8.0 x 3.0 x 2.6 in. 203 x 76 x 66mm	5.98 x 2.0 x 2.3 in. 152 x 51 x 58mm	5.98 x 2.0 x 2.3 in. 152 x 51 x 58mm	5.98 x 2.0 x 2.3 in. 152 x 51 x 58mm	12.0 x 2.5 x 2.7 in. 305 x 64 x 69mm	9.0 x 2.9 x 3.4 in. 229 x 74 x 86mm
<b>Weight w/ Mount &amp; Battery (where applicable)</b>	7.2 oz. 204g	8.4 oz. 238g	8.5 oz. 241g	8.2 oz. 232g	9.8 oz. 278g	17.6 oz. 499g	20.8 oz. 590g	15.6 oz. 442g	14.9 oz. 424g	17.5 oz. 497g	25.6 oz. 726g	36.9 oz. 1046g
<b>Illumination Source</b>	Fiber Optics & Tritium	Fiber Optics & Tritium	Fiber Optics & Tritium	Fiber Optics & Tritium	Fiber Optics & Tritium	Fiber Optics & Tritium	LED Powered by a single AA Battery	Tritium Only	Fiber Optics & Tritium	LED Powered by a single AA Battery	Fiber Optics & Tritium	Fiber Optics & Tritium
<b>Battery Life</b>	N/A	N/A	N/A	N/A	N/A	N/A	12,000+ hours*	N/A	N/A	12,000+ hours*	N/A	N/A
<b>Reticle Calibration</b>	.223 / 9mm	N/A	.223 / 9mm	.223 / 7.62x39	.223 / .308 / 7.62x39 / 300 BLK	.223 / .308 / M193 / 300 BLK	.223 / .308	.223 / .308	.223 / .308 / M193 / 300 BLK / 6.8 SPC	.223 / 300 BLK	.223 / .308	.308 / .50 BMG

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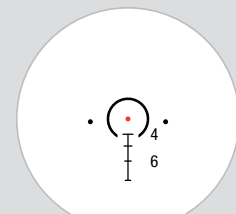
\*When used at 70°F (21°C) on setting 4 of 6 with supplied alkaline battery. Extreme temperatures (high or low) will affect battery performance.

# Available Reticles



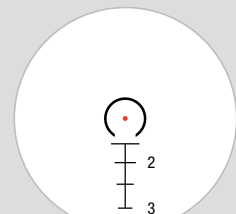
## >>NEW Trijicon Compact ACOG® TAC-R™ Reticles

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  
1.5x16S & 2x20 ACOG Models

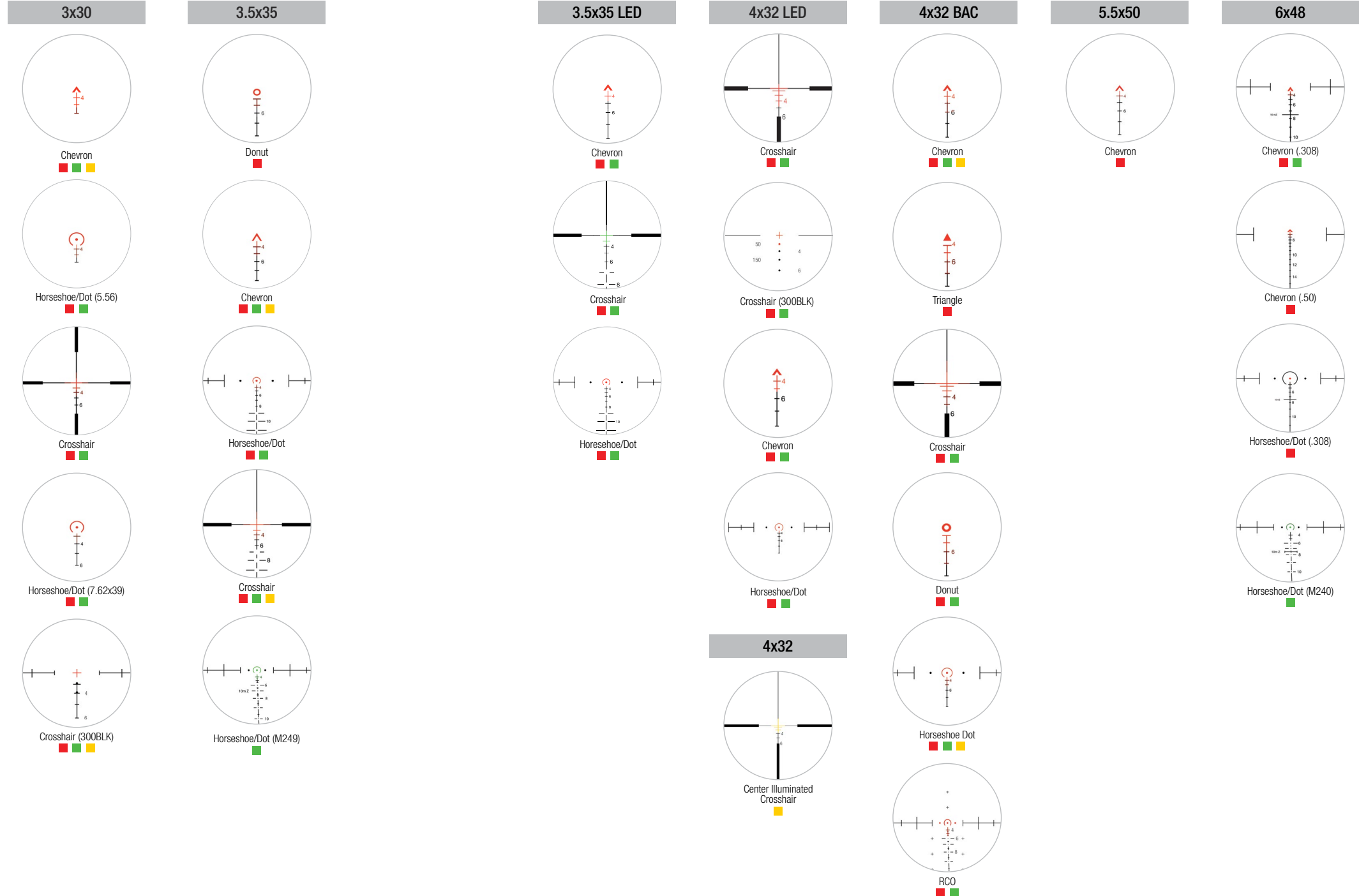
New to the TAC-R series is the RTR™ (Rapid Target Reticle) for the 1.5x16S and 2x20 ACOG® models. The RTR™ .223 reticle includes a bright fiber optic/tritium 2.0 MOA illuminated center dot, BDC holds to 700 yards for .223 REM 55gr. FMJ ammunition and a 16 in. barrel length, 7.5 MPH crosswind holds at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



RTR™ 9mm PCC Reticle  
1.5x16S & 2x20 ACOG Models

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.

# Available Reticles



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



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