

OPTICS TRADE

Benchrest Riflescopes

May, 2020

WHAT IS BENCHREST SHOOTING?

- A shooting sport where the competitor, seated, shoots from a **rest** with the rifle positioned on a **bench** or a table,
 - Front and rear rest,
 - Accuracy and precision – small targets,
- Two main types – **Full-bore benchrest** and **benchrest 50** (BR50).



A Benchrest Competition

LIGHT BENCHREST RIFLESCOPES

- Weaver T36 was the most popular benchrest riflescope before the introduction of Sightron SII 36x42 BRD,
- 1-inch tube
- AO – adjustable objective



Adjustable objective

WHY DO SO MANY BENCHREST RIFLESCOPES HAVE AN AO (ADJUSTABLE OBJECTIVE) PARALLAX ADJUSTMENT?

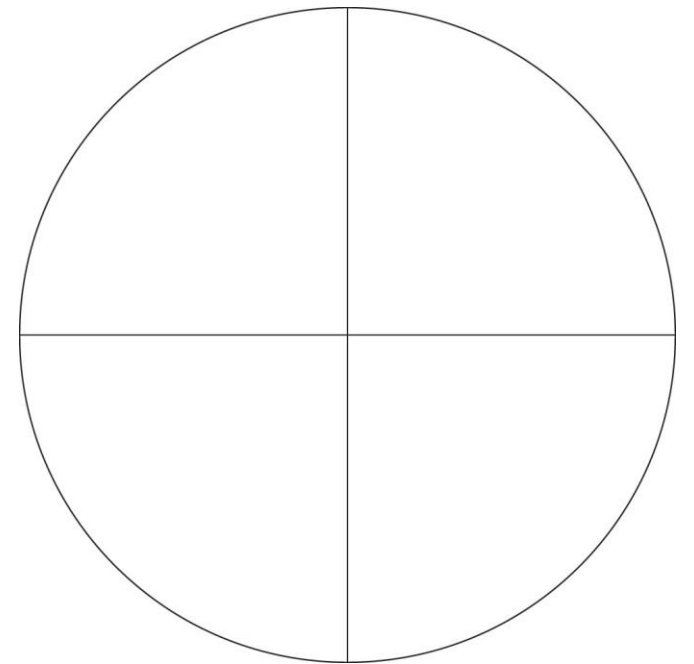
- Benchrest – shooting at a **known distance**,
- Parallax is set only once (at the beginning) – difficulty to reach the parallax adjustment ring is an unimportant factor,
- AO allows for a **more precise adjustment** (the larger the knob, the more precise the adjustment),
- Less complex to manufacture than side focus – more **affordable**,
- Fewer parts than side focus – **lower mass**.

FIXED POWER BENCHREST RIFLESCOPES

- **Sightron** and **Weaver** are the most popular choices,
- Leupold, March, and IOR riflescopes are also popular,
- 1-inch tube is the most popular, 30mm also used by some manufacturers,
- Fixed magnification riflescopes are lighter and optically better for the price compared to variable magnification riflescopes.

FULLY-FEATURED F-CLASS RIFLESCOPES FOR BENCHREST SHOOTING

- In benchrest disciplines where mass is not to be considered, competitors opt for a heavier riflescope,
- Tube diameter of 34 mm,
- High maximum magnification (variable),
- Thin reticle,
- 1 / 8 MOA clicks,
- Sightron has the most of the market's share,
- Kahles, Nikko Stirling, and Hawke riflescopes are also popular.



Vortex SCR-1 Reticle

THE MOST POPULAR BENCHREST RIFLESCOPES

BR50

- Weaver T46
- Sightron SII 36x42 BRD
- Sightron SIIISS Competition 45x45 ED
- IOR 36x42 Competition (legendary status in the EU)

Full-bore benchrest

- Sightron SIII 10–50x60 LR Target
- Nightforce 8–32x56 Benchrest
- Delta Optical Stryker HD 5–50x56
- Vortex Golden Eagle HD 15–60x52
- March Target 10–60x52
- Hawke Sidewinder ED 10–50x60



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