



*Advanced Optics Technology*



**2023 Product Catalog**



# SCOPES

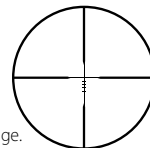
## OPTIX Hunting Series

The new OPTIX series offers fully multi-coated lenses, one-piece aluminum tube construction, low profile zero-reset turrets, fast focus, two-piece weaver rings, as well as BSA's new BDC-8 reticle. The 4.5-18X model offers an adjustable objective and illuminated reticle, in addition to the above features. Matte black finish. Waterproof, Shockproof and Fogproof

	<u>HS3-9X40TB</u>	<u>HS4-12X40TB</u>	<u>HS4.5-18X44AOIRTB</u>
<b>WEIGHT (oz.)</b>	14	14.25	20.9
<b>LENGTH (in.)</b>	11.75	12.3	13.4
<b>MAGNIFICATION</b>	3-9X	4-12X	4.5-18X
<b>OBJECTIVE (mm)</b>	40	40	44
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4	3.6 - 4
<b>RETICLE</b>	BDC-8	BDC-8	BDC-8 Illum.
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4	1/4
<b>LENS COATING</b>	FULLY MULTI-COATED	FULLY MULTI-COATED	FULLY MULTI-COATED
<b>RINGS / MOUNT</b>	Rings / Weaver	Rings / Weaver	Rings / Weaver



**BDC-8 RETICLE**  
Holdovers at 2, 4, 6 and 8 MOA provide precise targeting for any cartridge.



## Sweet .17 AO Series

The BSA® Sweet .17 AO Rifle Scope is specifically designed for the .17 HMR. These scopes feature fully coated lenses, an adjustable objective, 30/30 reticle, 2-piece Dovetail rings and generous eye-relief. This Sweet 17 AO series features a ballistically calibrated turret for the 17-grain cartridge. Matte black finish. Waterproof, shockproof and fogproof.

	<u>17-39X40AOWRTB</u>	<u>17-312X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	22.3	22.7
<b>LENGTH (in.)</b>	12.2	12.7
<b>MAGNIFICATION</b>	3-9X	3-12X
<b>OBJECTIVE (mm)</b>	40	40
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4
<b>RETICLE</b>	30/30	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4
<b>LENS COATING</b>	FULLY COATED	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Dovetail	Rings / Dovetail



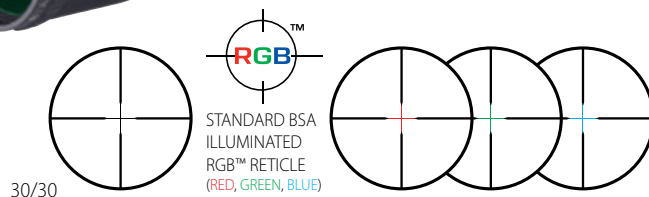
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## Sweet .17 SP Series

The BSA® Sweet .17 SP Rifle Scope is specifically designed for the .17HMR. This series features side parallax adjustment from 10 yards to infinity, fully multiccoated lenses, 3" sunshade and fast focus. The Sweet .17 SP features an elevation turret ballistically calibrated for a 17-grain and 20-grain cartridge. Matte black finish. Waterproof, shockproof and fogproof.

	<u>S17-312X40</u>	<u>S17-312X40RGBGE</u>	<u>S17-618X40SP</u>
<b>WEIGHT (oz.)</b>	19.9	20.6	19.9
<b>LENGTH (in.)</b>	12.6	13	13.2
<b>MAGNIFICATION</b>	3-12X	3-12X	6-18X
<b>OBJECTIVE (mm)</b>	40	40	40
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4	3.7 - 4
<b>RETICLE</b>	30/30	CROSS-GLASS ETCHED RGB-ILL	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4	1/4
<b>LENS COATING</b>	FULLY MULTI-COATED	FULLY MULTI-COATED	FULLY MULTI-COATED
<b>RINGS / MOUNT</b>	N/A	N/A	N/A



30/30

## Sweet .22 AO Compact

The BSA® Sweet .22 AO Compact provides all the features of standard Sweet AO scopes in a package designed specifically for the Ruger 10/22 and other small frame .22 rifles. Complete with 3 ballistically calibrated turrets for 36-, 38- and 40-grain cartridges, the Sweet .22 AO Compact also features an adjustable objective, fully coated lenses, 30/30 reticle and 2-piece dovetail rings. Matte black finish. Waterproof, shockproof and fogproof.

	<u>22-27X32AOCWRTB</u>
<b>WEIGHT (oz.)</b>	17.5
<b>LENGTH (in.)</b>	9.5
<b>MAGNIFICATION</b>	2-7X
<b>OBJECTIVE (mm)</b>	32
<b>EYE RELIEF (in.)</b>	3
<b>RETICLE</b>	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4
<b>LENS COATING</b>	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Dovetail



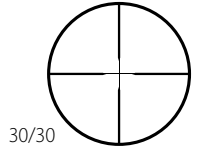
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## Sweet .22 AO Series

The BSA® Sweet .22 AO Rifle Scope is specifically designed for the .22LR. Complete with 3 ballistically calibrated turrets for 36-, 38- and 40-grain cartridges, the Sweet .22 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and 2-piece dovetail rings. Matte black finish. Waterproof, shockproof and fogproof.

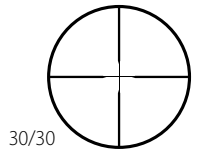
	<u>22-39X40AOWRTB</u>	<u>22-412X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	22.3	22.3
<b>LENGTH (in.)</b>	12.2	12.9
<b>MAGNIFICATION</b>	3-9X	4-12X
<b>OBJECTIVE (mm)</b>	40	40
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4
<b>RETICLE</b>	30/30	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4
<b>LENS COATING</b>	FULLY COATED	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Dovetail	Rings / Dovetail



## Sweet .22 SP Series

The BSA® Sweet .22 SP Rifle Scope is specifically designed for the .22LR. This series features side parallax adjustment from 10 yards to infinity, fully multicoated lenses, 3-inch sunshade and fast focus. The Sweet .22 SP features elevation turrets ballistically calibrated for a 36-, 38- and 40-grain cartridges. Matte black finish. Waterproof, shockproof and fogproof.

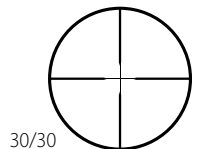
	<u>S22-39X40SP</u>	<u>S22-618X40SP</u>
<b>WEIGHT (oz.)</b>	19.9	19.9
<b>LENGTH (in.)</b>	12.6	13.2
<b>MAGNIFICATION</b>	3-9X	6-18X
<b>OBJECTIVE (mm)</b>	40	40
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4
<b>RETICLE</b>	30/30	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4
<b>LENS COATING</b>	FULLY MULTI-COATED	FULLY MULTI-COATED
<b>RINGS / MOUNT</b>	N/A	N/A



## Sweet .223 AO Series

The BSA® Sweet .223 AO Rifle Scope is specifically designed for the .223 cartridge, complete with three ballistically calibrated turrets for 40-, 55- and 62-grain bullets. The Sweet .223 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and 2-piece Weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

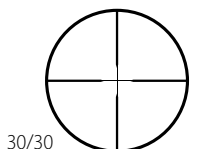
	<u>223-412X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	22.3
<b>LENGTH (in.)</b>	12.9
<b>MAGNIFICATION</b>	4-12X
<b>OBJECTIVE (mm)</b>	40
<b>EYE RELIEF (in.)</b>	3.7 - 4
<b>RETICLE</b>	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4
<b>LENS COATING</b>	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Weaver



## Sweet .243 AO Series

The BSA® Sweet .243 AO Rifle Scope is specifically designed for the .243 caliber cartridge, complete with three ballistically calibrated turrets for 55-, 80- and 100-grain cartridges, the Sweet .243 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and two-piece weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

	<u>243-39X40AOWRTB</u>	<u>243-412X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	21.8	22.3
<b>LENGTH (in.)</b>	12.2	12.9
<b>MAGNIFICATION</b>	3-9X	4-12X
<b>OBJECTIVE (mm)</b>	40	40
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4
<b>RETICLE</b>	30/30	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4
<b>LENS COATING</b>	FULLY COATED	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Weaver	Rings / Weaver



## Sweet .270 AO Series

The BSA® Sweet .270 AO Rifle Scope is specifically designed for the .270 caliber cartridge, complete with three ballistically calibrated turrets for 100-, 130- and 150-grain cartridges, the Sweet .270 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and two-piece weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

	<u>270-39X40AOWRTB</u>	<u>270-412X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	21.8	22.3
<b>LENGTH (in.)</b>	12.2	12.9
<b>MAGNIFICATION</b>	3-9X	4-12X
<b>OBJECTIVE (mm)</b>	40	40
<b>EYE RELIEF (in.)</b>	3.7 - 4	3.7 - 4
<b>RETICLE</b>	30/30	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4	1/4
<b>LENS COATING</b>	FULLY COATED	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Weaver	Rings / Weaver



30/30

## Sweet 30-06 AO Series

The BSA® Sweet 30-06 AO Rifle Scope is specifically designed for the 30-06 cartridge, complete with three ballistically calibrated turrets for 150-, 165-, and 180-grain cartridges. The Sweet 30-06 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and 2 pc. weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

	<u>3006-4-12X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	22.3
<b>LENGTH (in.)</b>	12.9
<b>MAGNIFICATION</b>	4-12X
<b>OBJECTIVE (mm)</b>	40
<b>EYE RELIEF (in.)</b>	3.7 - 4
<b>RETICLE</b>	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4
<b>LENS COATING</b>	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Dovetail



30/30

## Sweet 30-30 AO Series

The BSA® Sweet 30-30 AO Rifle Scope is specifically designed for the 30-30 cartridge, complete with three ballistically calibrated turrets for 150-, 160-, and 170-grain cartridges. The Sweet 30-30 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and 2 pc. weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

	<u>3030-3-9X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	21.8
<b>LENGTH (in.)</b>	12.2
<b>MAGNIFICATION</b>	3-9X
<b>OBJECTIVE (mm)</b>	40
<b>EYE RELIEF (in.)</b>	3.7 - 4
<b>RETICLE</b>	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4
<b>LENS COATING</b>	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Dovetail



30/30

## Sweet .350 Legend AO Series

The BSA® Sweet .350 Legend AO Rifle Scope is specifically designed for the .350 Legend cartridge, complete with three ballistically calibrated turrets for 150-, 170-, and 180-grain cartridges. The Sweet .350 Legend AO also features an adjustable objective, fully coated lenses, 30/30 reticle and 2-piece weaver rings, matte black finish. Waterproof, shockproof and fogproof.

	<u>350-39X40AOWRTB</u>
<b>WEIGHT (oz.)</b>	21.8
<b>LENGTH (in.)</b>	12.2
<b>MAGNIFICATION</b>	3-9X
<b>OBJECTIVE (mm)</b>	40
<b>EYE RELIEF (in.)</b>	3.7 - 4
<b>RETICLE</b>	30/30
<b>TUBE DIA.</b>	25.4 mm / 1"
<b>CLICK VALUE</b>	1/4
<b>LENS COATING</b>	FULLY COATED
<b>RINGS / MOUNT</b>	Rings / Weaver

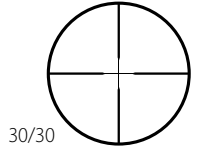


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## Sweet .450 Bushmaster AO Series

The BSA® Sweet .450 Bushmaster AO Rifle Scope is specifically designed for the .450 Bushmaster cartridge, complete with three ballistically calibrated turrets for 245-, 250-, and 260-grain cartridges. The Sweet .450 Bushmaster AO also features an adjustable objective, fully coated lenses, 30/30 reticle and 2-piece weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

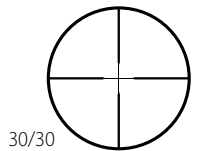
	<u>450-39X40AOWRTB</u>
WEIGHT (oz.)	22.3
LENGTH (in.)	12.9
MAGNIFICATION	3-9X
OBJECTIVE (mm)	40
EYE RELIEF (in.)	3.7 - 4
RETICLE	30/30
TUBE DIA.	25.4 mm / 1"
CLICK VALUE	1/4
LENS COATING	FULLY COATED
RINGS / MOUNT	Rings / Weaver



## Sweet 6.5 AO Series

The BSA® Sweet 6.5 AO Rifle Scope is specifically designed for the 6.5 Creedmoor cartridge, complete with three ballistically calibrated turrets for 120-, 129- and 140-grain cartridges. The Sweet 6.5 AO also features an adjustable objective, fully coated lenses, 30/30 reticle and two-piece weaver rings. Matte black finish. Waterproof, shockproof and fogproof.

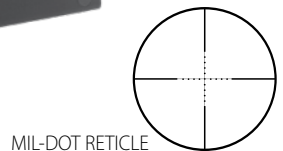
	<u>6.5-4.518X40AOWRTB</u>
WEIGHT (oz.)	22.5
LENGTH (in.)	12.8
MAGNIFICATION	4.5-18X
OBJECTIVE (mm)	40
EYE RELIEF (in.)	3.7 - 4
RETICLE	30/30
TUBE DIA.	25.4 mm / 1"
CLICK VALUE	1/4
LENS COATING	FULLY COATED
RINGS / MOUNT	Rings / Weaver



## Tactical Weapon Series

The Tactical Weapon Series scopes are engineered specifically for use with tactical style firearms. Select Tactical Weapon models offer one-piece weaver mounts, AR handle mounts, or AR & SKS mounts and rings.

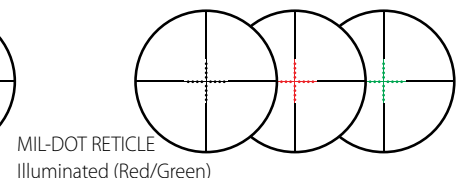
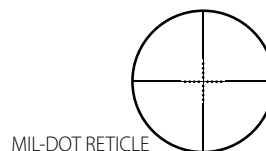
	<u>TW-14X24W1PMTB</u>	<u>TW-312X40W1PMTB</u>	<u>TW4X30</u>
WEIGHT (oz.)	22.2	25.3	14.3
LENGTH (in.)	9.5	12.7	8
MAGNIFICATION	1X-4X	3X-12X	4X
OBJECTIVE (mm)	24	40	30
EYE RELIEF (in.)	3.5	4	3.7
RETICLE	MIL DOT	MIL DOT	MIL DOT METAL
TUBE DIA.	30mm	25.4 mm / 1"	25.4 mm / 1"
CLICK VALUE	1/2	1/4	1/4
LENS COATING	FULLY COATED	FULLY COATED	FULLY COATED
RINGS / MOUNT	1 pc mount / Weaver	1 pc mount / Weaver	Rings, AR & SKS Mount



## OUTLOOK Air Rifle Series

The new OUTLOOK series air rifle scopes were specifically designed to withstand the reverse recoil found in the most-powerful air rifles. This series offers fully multi-coated lenses, fast focus, an adjustable objective, low profile zero-reset turrets and a Mil-Dot reticle. This series comes standard with two-piece dovetail rings. Matte black finish. Waterproof, shockproof and fogproof.

	<u>AIR4X32AOTB</u>	<u>AIR3-9X40AOTB</u>	<u>AIR4-12X44AOIRTB</u>
WEIGHT (oz.)	11.8	17.7	19
LENGTH (in.)	10.85	12.3	12.8
MAGNIFICATION	4X	3-9X	4-12X
OBJECTIVE (mm)	32	40	44
EYE RELIEF (in.)	3.45	3.7 - 4	3.7 - 4
RETICLE	Mil-Dot	Mil-Dot	Mil-Dot Illum.
TUBE DIA.	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
CLICK VALUE	1/4	1/4	1/4
LENS COATING	FULLY MULTI-COATED	FULLY MULTI-COATED	FULLY MULTI-COATED
RINGS / MOUNT	Rings / Dovetail	Rings / Dovetail	Rings / Dovetail





## Edge - Pistol Scope

This BSA Pistol Scope is simple yet effective. Parallax is set for 50 yards and windage and elevation adjustments are set for 1/4 MOA. The multi-coated optics provide a clear sight picture that allows for almost instant target acquisition. BSA Pistol scopes also offer a generous eye relief of 12-20 inches, allowing this versatile scope to double as a scout scope.

	<u>PS27X28</u>	<u>PS27X32</u>	<u>PS2X20</u>
WEIGHT (oz.)	10.4	10.4	6.9
LENGTH (in.)	10	10	6.45
MAGNIFICATION	2-7X	2-7X	2X
OBJECTIVE (mm)	28	32	20
EYE RELIEF (in.)	12-20	12-20	11-20
RETICLE	30/30	30/30	30/30
TUBE DIA.	25.4 mm / 1"	25.4 mm / 1"	25.4 mm / 1"
CLICK VALUE	1/4	1/4	1/2
LENS COATING	MULTI-COATED	MULTI-COATED	MULTI-COATED
RINGS / MOUNT	N/A	N/A	N/A



## SIGHTS Illuminated Sights

### RD30

The BSA RD30 is a 30mm red dot sight equipped with a 5/8-inch Weaver mount and 11 brightness settings.

	<u>RD30</u>
WEIGHT (oz.)	8
LENGTH (in.)	4.2
MAGNIFICATION	1X
OBJECTIVE (mm)	30
EYE RELIEF (in.)	Unlimited
RETICLE	Red Dot 5 MOA
CLICK VALUE	1/2
MOUNT	Weaver



### 30RD-2M

The 30RD-2M is a versatile 30mm Red Dot scope available with both a Dovetail and Weaver mount. With 11 brightness settings, this red dot is excellent for both low light and bright light conditions.

	<u>30RD-2M</u>
WEIGHT (oz.)	8.5
LENGTH (in.)	5
MAGNIFICATION	1X
OBJECTIVE (mm)	30
EYE RELIEF (in.)	Unlimited
RETICLE	Red Dot 5 MOA
CLICK VALUE	1/2
MOUNT	Dovetail and Weaver



### HMRGBD30CP

The sight features a red, green and blue 5 MOA dot that is adjustable via the 11-position rheostat and powered by a 3V CR2032 battery. The integral mount will fit both 3/8" and 5/8" Weaver-style rails.

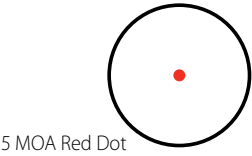
	<u>HMRGBD30CP</u>
WEIGHT (oz.)	8
LENGTH (in.)	4.2
MAGNIFICATION	1X
OBJECTIVE (mm)	30
EYE RELIEF (in.)	UNLIMITED
RETICLE	RGB DOT 5 MOA
TUBE DIA.	1/2
CLICK VALUE	3/8" and 5/8"
LENS COATING	MULTI-COATED
RINGS / MOUNT	3/8" and 5/8"



## TW30RDLL

The TW30RDLL red dot scope is equipped with an integrated 650nm red laser sight, easy one-piece mount and rubber eye guard. Model comes with attachable 140 Lumen LED flashlight

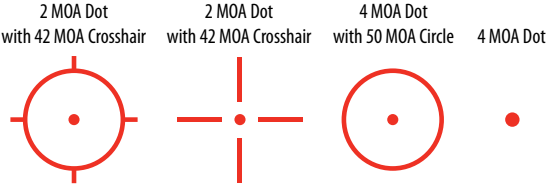
	<u>TW30RDLL</u>
WEIGHT (oz.)	17.1
LENGTH (in.)	8.3
MAGNIFICATION	1X
OBJECTIVE (mm)	30
EYE RELIEF (in.)	4
RETICLE	5 MOA Red Dot
CLICK VALUE	1/4
MOUNT	Weaver



## Reflex Sight With Laser

The RS-3324RL Reflex Sight comes equipped with an integrated 650nm red laser that functions separately, four unique reticles, and a quick-release mount that fits both weaver and picatinny rails.

	<u>RS-3324RL</u>
WEIGHT (oz.)	9.15
LENGTH (in.)	4.25
MAGNIFICATION	1X
OBJECTIVE (mm)	33
EYE RELIEF (in.)	UNLIMITED
RETICLE	4 Reticles
CLICK VALUE	1
MOUNT	QR Weaver / Picatinny



# BORE SIGHT

## BS30/BS30CP Bore Sight

Get on paper without wasting shots. Comes with .177 Arbor, .22 Arbor, 6mm Arbor, .25 Arbor, 6.5 mm Arbor, .27 Arbor, 7 mm Arbor, 30 Arbor, .32 Arbor, .338 Arbor, .35 Arbor, .375 Arbor, .44 Arbor, .45 Arbor, .50 Arbor. All packaged in heavy duty hard case.

### The BSA Bore Sighter makes sighting in your rifles easy!

The BSA Bore Sighter is designed to save time and money by allowing you to pre-zero the scope without using ammunition. This kit covers the most-popular calibers on the market to zero most rifles and handguns. Final steps of zeroing must be done at the range.

**FOR CALIBERS:**

• .177	• .25	• 7mm	• .338	• .44
• .22	• 6.5mm	• .30	• .35	• .45
• 6mm	• .27	• .32	• .375	• .50

ITEM NUMBER BS30 / BS30CP



## BS30SGA

The BS30 Multi Caliber Collimator (Boresighter) with Arbors is designed for use with pistol and rifle calibers, and helps you get on paper easily without wasting ammo or range time. This boresighter comes in a heavy-duty hard case, with replaceable arbors matching barrels ranging from .177 to .50 cal. This model also includes an adapter for 12-, 20- and 28-gauge shotguns (will not fit .410 bore shotguns).

### The BSA bore sighter makes aligning your rifles, pistols, and shotguns easier.

The BSA bore sighter is designed to save you time and money by allowing you to pre-zero the scope without spending on ammunition. Final steps of zeroing should be done at the range. This kit covers the most popular calibers on the market so you can use it to zero different shotguns, rifles, and handguns.

**FOR CALIBERS:**

• .177	• .25	• 7mm	• .338	• .44
• .22	• 6.5mm	• .30	• .35	• .45
• 6mm	• .27	• .32	• .375	• .50
• 10	• 12	• 16	• 20	• 28

**WILL NOT FIT .410 shotguns**

ITEM NUMBER BS30SGA



(954) 581-2144 fax (479) 636-1601 [www.bsaoptics.com](http://www.bsaoptics.com)

BSA® reserves the right to make specification changes without notice.