

SIGHT MARK[®]

USER MANUAL



SM34019

SM34020

SM34021

SM34022

SM34023

SM34024

**30mm CANTILEVER
MOUNTS**

**34mm CANTILEVER
MOUNTS**

ABOUT SIGHTMARK®

While Sightmark's MAKE YOUR MARK tagline perfectly illustrates our mission to provide uncompromising accuracy in virtually any environment, to us, those three words mean quite a bit more.

MAKE YOUR MARK represents our commitment; first, to those who serve; second, to our Constitutional right to bear arms, the right ensuring all others remain intact; and finally, every single professional and recreational shooting enthusiast embracing and sharing our Pro-2nd Amendment lifestyle.

MAKE YOUR MARK also symbolizes our desire to build more than a brand people know they can trust. It represents our higher calling to build an honorable, unapologetic legacy, truly appreciative of the fabric of a free society to pass on to future generations. Only accomplishing the latter truly embodies the gravity of what MAKE YOUR MARK means to us.

In the spirit of gratitude for those who preserve freedom as we know it to be, MAKE YOUR MARK is a call to action. One we take seriously when it comes to developing products worthy of our brand... and our lifetime warranty. The same brand countless professionals rely upon for performance in the best... and most assuredly, worst of times.

CANTILEVER MOUNTS

The new Sightmark Cantilever Fixed Mounts deliver a rock-solid mount for your riflescope for better performance in any competition, hunting and even law enforcement environment. Featuring six different mounts, the Sightmark Cantilever Fixed Mount is available in 30mm fixed, 30mm LQD, 30mm fixed w/20MOA, 34mm fixed, 34mm LQD, and 34mm w/20MOA. The cantilever family of fixed mounts all feature an aircraft grade aluminum for a durable body and coated with a matte black, non-reflective to help reduce glare when using your riflescope.

FEATURES:

- 6061-T6 aluminum body
- Fits Picatinny rails
- Matte black, non-reflective finish
- LQD or Fixed mount
- 30mm ring (SM34019, SM34020, SM34021)
- 34mm ring (SM34022, SM34023, SM34024)
- 20 MOA built-in slope (SM34021, SM34024)
- 2" forward offset (SM34021, SM34024)

TECHNICAL SPECIFICATIONS	SM34019	SM34020
Mount type	Picatinny	Picatinny
Ring diameter	30mm	30mm
Material	Aluminun 6061-T6	Aluminun 6061-T6
Centerline height (in/mm)	1.5" / 38.1	1.5" / 38.1
Torque spec for mount hex nut (in-lbs)	40-50	-
Torque spec for torx scope rings (in-lbs)	22-25	22-25
Length (in/mm)	5.98 / 152	6.89 / 175
Width (in/mm)	1.29 / 33	1.81 / 46
Height (in/mm)	2.48 / 63	2.48 / 63
Weight (oz)	5.8	7.9

SM34021	SM34022	SM34023	SM34024
Picatinny	Picatinny	Picatinny	Picatinny
30mm	34mm	34mm	34mm
Aluminun 6061-T6	Aluminun 6061-T6	Aluminun 6061-T6	Aluminun 6061-T6
1.5" / 38.1	1.5" / 38.1	1.5" / 38.1	1.5" / 38.1
40-50	40-50	22-25	40-50
22-25	22-25	22-25	22-25
5.98 / 152	5.98 / 152	6.89 / 175	5.98 / 152
1.29 / 33	1.29 / 33	1.81 / 46	1.29 / 33
2.48 / 63	2.56 / 65	2.56 / 65	2.56 / 65
5.8	5.9	7.5	5.9

INCLUDED ACCESSORIES

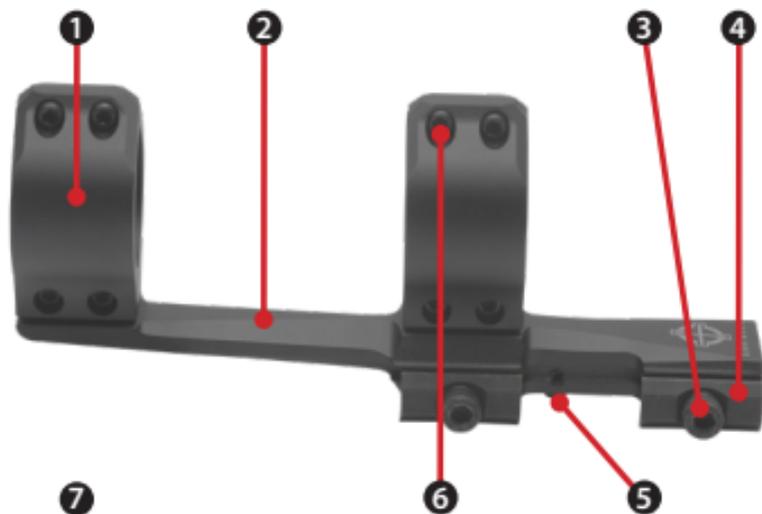
Hex key

Allen key

1" reduction rings
(SM34019, SM34020, SM34021)

DIAGRAM

1. Scope rings
2. Mount base
3. Allen screw
4. Mount clamp
5. Crossbolt
6. Torx screw (8 total)
7. Locking Quick Detach tab
8. Adjustable nut



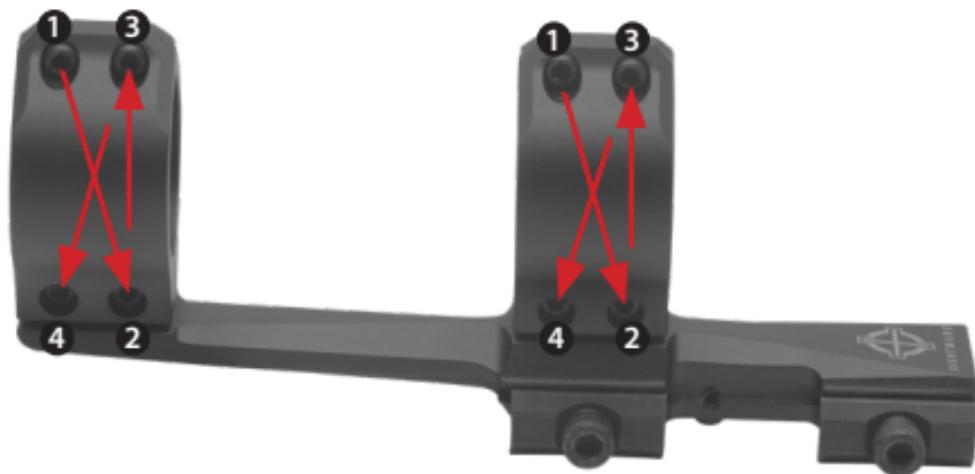
MOUNTING

If mounting a 1" riflescope, use the reduction rings included with only the 30mm scope rings. First, remove the eight torx screws (6) and remove the scope ring caps (1). Be sure not to lose the torx bolts. Next, place the mount base (2) on the rifle with the mount offset facing toward the muzzle. Slightly tighten each allen screw (3) to keep the mount in position. Place your riflescope in the scope base for preliminary setup for proper eye relief. Attach the scope ring caps and slightly tighten the torx screws, but do not fully tighten so the scope can be moved forward and backward. Turn the magnification to the highest power and check for proper eye relief. The mount may need to be removed and placed in a forward or back position on the rifle in order to obtain a full view through the riflescope while in the shooting position. Note the position of the riflescope in the rings. It may be helpful to measure the distance between the turrets and a scope ring.

Once the mount is in the correct location on the rifle, push forward on the mount making sure it is seated correctly and even on the rifle. Using a 4 mm allen key, tighten each allen screw between 40 to 50 in. lbs. Be sure to use a torque wrench that measures in inch-pounds not foot-pounds. Do not exceed the recommended in. lbs. or the mount's threading can be stripped. Again, set the riflescope for proper eye relief as noted in the preliminary setup. It is

MOUNTING continued

recommended, especially for long range shooting, to vertically align the scope's reticle using the edge of a target that has been vertically verified with a carpenter's level. Once eye relief and reticle alignment is set, use the torx tool to tighten each torx bolt to approximately 22 to 25 in-lbs. Tighten each cap's torx screws in this order: top-left (1), bottom-right (2), top-right (3), bottom-left (4). Make sure to have an even gap on the top and bottom sides of the ring.



MOUNTING WITH LOCKING, QUICK-DETACH DESIGN

The LQD models includes a locking, quick detach mount.

To mount to a firearm:

1. To loosen the mount, press forward on the locking tab (7) located on the quick detach lever. Once the tab is pressed forward, open the lever.
2. Attach to the firearm's rail. Make sure the recoil bolt (5) is positioned in the groove of the rail.
3. Make sure the mount is properly engaged with the firearm's base and close the lever. Press down until the lever is engaged in the locked position. A click sound will be heard once locked in position.
4. Check that the weapon sight is tightly secured in position and is not shifting forward or backward. If the mount is too loose the sight will not hold zero. To prevent this, the mount must be tightened.
5. To adjust tension on the mount, remove the sight from the firearm. Leave the levers in the open position and the mount loose.
6. On the opposite side of the levers are adjustable tension nuts (8). To tighten or loosen the mount, rotate the nut. Clockwise rotation of the tension nut will increase tension in the mount and counterclockwise rotation will decrease tension. Mount the sight to the rail again to confirm the sight is securely mounted.

MAINTENANCE

Proper maintenance of the mount is recommended to ensure longevity. It is recommended that when the mount becomes dirty that it is wiped down with a dry or slightly damp cloth.

WARNING

Before handling the Sightmark riflescope mount read and understand the contents of your firearm's manual, and the Sightmark manual. Follow all standard safety precautions and procedures during firearm operation, even when the reflex sight is not in use.

- Avoid hitting or dropping the mount.
- ALWAYS check that the chamber of your weapon is clear before mounting or dismounting the mount.
- Failure to follow standard firearm safety precautions and procedures, as well as the above warnings, is dangerous and may result in serious injury, damage to property, or death.

TROUBLESHOOTING

Never ship back a product without getting proper authorization beforehand. Doing so could result in losing the product due to a multitude of reasons, i.e. sending it to the wrong address and other problems associated with unexpected packages.

If the riflescope does not hold zero:

1. Verify the sight is mounted securely to the rifle. If the scope can be shifted in any direction, retighten the mount according to the mounting instructions, but do not over tighten. The sight will need to be re-zeroed afterwards.
2. Check that all screws on the mount are securely tightened.
3. Be sure to use ammunition of the same bullet type, weight, and preferably lot number

SIGHTMARK WARRANTY

Please visit www.sightmark.com for warranty details and information.

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