

# ZERO RETENTION CLAMP FOR HANDGUARD - ARISAKA DEFENSE

## ZERO RETENTION CLAMP FOR MIDWEST INDUSTRIES M-LOK HANDGUARD

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Description We highly recommend using the newer combined 5.56/300BLK ZRC version instead of this product since it uses an internal U-bracket with two clamps, providing an even tighter lockup of the handguard to upper receiver. It also works with both SIG and MI SD and standard handguards. You can find it here. Installation Guide The Patent Pending Arisaka Zero Retention Clamp (ZRC) greatly reduces zero shift for lasers and iron sights that are mounted on the handguard of the MCX Virtus. This version is designed for the MCX Virtus chambered in 5.56mm with either the Sig Sauer OEM slim handguard or Midwest Industries standard M-Lok handguard. A different version for use with the Sig Sauer SD handguard or Midwest Industries Suppressor M-Lok handguard is available here. The MCX Virtus handguard is secured to the receiver by a friction fit slot on each side near the extended receiver top rail and a single steel fitting held in place by the front takedown pin. This allows the handguard to flex significantly, causing a laser or front sight zero to change when minor pressure is applied to the handguard. A shift of 5 mils or more is possible by pushing on the handguard with your support hand while the rifle is shouldered. Additionally, the zero does not always return to it's original position once pressure is removed from the handguard. Sig Sauer has resolved this problem on the new MCX SPEAR by adding a fastener on each side of the handguard that securely anchors it to the upper receiver. The Arisaka ZRC plays a similar role for the MCX Virtus by clamping the handguard together at the friction fit alignment slots on the extended upper receiver. This secures the handguard tightly to the upper receiver, greatly reducing or even eliminating zero shift. The ZRC clamps are contoured to provide minimal interference with the user's hands while gripping the handguard. On the OEM slim handguard the clamps fit in the rhombus shaped vents, while on the Midwest Industries standard M-Lok handguard they occupy one M-Lok slot in the top row. Each clamp is labeled for the side and orientation, making installation easy. Installation notes: The OEM Slim clamps should be placed in the second rhombus vent, as shown in the photos above. The MI Standard M-Lok clamps should be placed in the second M-Lok slot of the top row, as shown in the last photo above. Torque spec: 15-20 inch lbs. While we recommend using a calibrated torque wrench, approximately 15 inch lbs of torque can be achieved by inserting the long end of the included precision fit Allen L-key into the screw head and holding the short end in your fingers, then tightening firmly. Exceeding 20 inch lbs risks stripping the screw head and/or damaging the handguard. Arisaka is not responsible for any damage caused by improper installation. The ZRC must be uninstalled before removing the handguard from the rifle. Specs Weight: 0.37 oz (OEM slim handguard) 0.47 oz (MI standard M-Lok handguard) The ZRC clamps are CNC machined from 6061-T651 aluminum and MIL-A-8625 Type III hard coat anodized. Made in the USA.



### Attributes

- Name: [ARISAKA DEFENSE ZERO RETENTION CLAMP FOR MIDWEST INDUSTRIES M-LOK HANDGUARD](#)

- Manufacturer: [ARISAKA DEFENSE](#)
- Product no.: 430104557
- Mfr. No.: ZRC-MI-SLIM
- Colour: Black
- Weapon type: AK-47
- Delivery weight: 0.045kg
- Shipping height: 25mm
- Shipping width: 102mm
- Shipping length: 102mm
- UPC: 850036188346

## **Item details**

Made in USA

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# ZERO RETENTION CLAMP FOR HANDGUARD

## SAFETY INSTRUCTIONS

### Introduction

Thank you for choosing the ZERO RETENTION CLAMP for your handguard. This product is designed to enhance the stability and performance of your firearm. Please read this safety instruction guide carefully to ensure safe usage and installation.

### General Safety Guidelines

- Ensure the product is compatible with your firearm model before installation.
- Always follow the manufacturer's instructions for installation and usage.
- Keep the product out of reach of children and unauthorized users.
- Regularly inspect the clamp and handguard for signs of wear or damage.
- If you notice any defects, discontinue use immediately and consult a professional.

### Specific Safety Precautions for Use

- The clamp is designed for specific handguard models. Ensure compatibility with your handguard type (OEM slim or Midwest Industries standard MLoc).
- Avoid exceeding the recommended torque specifications (1520 inch lbs). Overtightening may cause damage.
- When adjusting or installing the clamp, ensure the firearm is unloaded and pointed in a safe direction.
- Be aware of potential zero shift when applying pressure to the handguard. This can affect sight alignment.
- Always uninstall the ZRC before removing the handguard from the rifle to prevent accidental damage.

### Instructions for Installation and Usage

#### 1. Preparation:

- Ensure your firearm is unloaded.
- Gather necessary tools, including a calibrated torque wrench and the included precision fit Allen Lkey.

#### 2. Installation Steps:

- For OEM Slim handguards:
  - Place the clamps in the second rhombus vent as shown in the provided images.
- For Midwest Industries standard MLoc handguards:
  - Position the clamps in the second MLoc slot of the top row as indicated in the images.
- Ensure each clamp is correctly oriented and labeled for easy installation.

#### 3. Tightening:

- Insert the long end of the Allen Lkey into the screw head.
- Hold the short end with your fingers and tighten firmly until you reach approximately 15 inch lbs of torque.
- Do not exceed 20 inch lbs to avoid stripping the screw head or damaging the handguard.

#### 4. PostInstallation Check:

- After installation, check that the clamps are secure and the handguard is firmly attached to the upper receiver.
- Test the stability of the handguard by applying slight pressure to ensure there is no significant zero shift.

## **Disposal Instructions**

- Dispose of the product in accordance with local regulations.
- Do not dispose of the product in regular household waste.
- If the product is damaged, contact local waste management for proper disposal methods.

## **Contact Information for Further Support**

For any questions or concerns regarding the ZERO RETENTION CLAMP, please reach out to your retailer or manufacturer directly. They can provide assistance and additional information.

By following these safety instructions, you can ensure a safe and effective experience with your ZERO RETENTION CLAMP for handguard. Thank you for your attention to these important guidelines.

# About Us

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