

## The Precision-Crafted Stealth Companion: Shieldon's ZC-OTF002T OEM O. T. F. Knife

In the dynamic world of tactical knives, the demand for quality, precision, and durability leads discerning customers to the Shieldon ZC-OTF002T. This exceptional Out-The-Front [\(O.T.F.\) knife](#) combines a robust blade with an ergonomic handle, embodying the pinnacle of functional design and aesthetic appeal in one compact package. Here, we unravel the specifications of the ZC-OTF002T, a must-have tool for those who value reliability and efficiency in their cutting instruments.



**Item NO.: ZC-OTF002T**

This model identifier is your assurance of quality and authenticity. It represents a tactical knife carefully manufactured by Sheldon, a leader in knife making and trading.

**Item Segment: O.T.F.**

The ZC-OTF002T belongs to the esteemed category of O.T.F. knives, characterized by their retractable blade that slides parallel to the handle. This feature allows for quick and easy one-handed operation, making it a favorite among professionals and enthusiasts.

**Blade Material: 3Cr13**

Crafted from 3Cr13 stainless steel, the blade offers a balance of good strength, excellent corrosion resistance, and easy sharpening. This material is known for maintaining sharpness and durability, making it an ideal choice for a knife that's put to the test in various environments.

**Handle Material: Aluminum**

The handle is crafted from high-grade aluminum, ensuring a lightweight yet sturdy grip. The material's superior strength-to-weight ratio makes the ZC-OTF002T an easy carry, while also providing a solid feel in hand during use.

**Blade HRC: 32-34**

With a Hardness Rockwell C (HRC) of 32-34, this knife hits the sweet spot for toughness. The blade is hard enough to retain its edge through extensive use, yet soft enough to withstand impact without chipping.

**Blade Thickness: 2.8mm/0.11"**

A blade thickness of 2.8mm ensures that the ZC-OTF002T can withstand the rigors of heavy-duty use without compromising its slicing efficiency. This thickness allows for a stable and reliable blade capable of performing a variety of cutting tasks.

**Blade Length: 74mm/2.91"**

The 74mm blade length offers enough size to handle a diverse range of cutting tasks while remaining compact enough for discreet carry and storage.



**Handle Thickness: 12.95mm/0.51"**

With a handle thickness of just under half an inch, the ZC-OTF002T provides a comfortable and secure grip, making it suitable for extended periods of use without causing hand fatigue.

**Total Length: 186mm/7.32"**

When deployed, the knife measures an overall length of 186mm, offering a generous reach while maintaining a sleek profile.

**Weight: 81g/2.86 oz**

At 81 grams, this knife is designed for those who need a lightweight yet robust tool that won't weigh them down.

**Blade Style: Spear Point**

The spear point blade style offers a symmetrical shape with a strong point, ideal for piercing and slicing. It strikes a balance between sharpness and strength, making it suitable for tactical and utility applications.

**Handle Color: Black**

The classic black handle not only adds a touch of elegance but also provides a universally professional appearance that suits any user's style.

**Pocket Clip: Tip-down**

Equipped with a tip-down pocket clip, the ZC-OTF002T ensures a secure and discreet carry, providing quick and easy access whenever the knife is needed.

### **Open Way: Thumb Slide**

The intuitive thumb slide mechanism allows for rapid and reliable blade deployment and retraction, a crucial feature in high-pressure situations where every second counts.

### **Blade Finish: Rainbow Titanium Coating**

Apart from its striking visual appeal, the rainbow titanium coating on the blade offers enhanced corrosion resistance, ensuring the knife's longevity and performance are preserved.

### **Blade Grind: Spike Grind**

The unique spike grind not only contributes to the knife's distinctive look but also provides a sharp edge that can tackle both fine and rough cutting tasks with ease.

**ODM Regular MOQ: 10**



Shieldon's commitment to serving both large-scale and individual clients is evidenced by an accommodating minimum order quantity of just 10 units, making it accessible for boutique retailers and specialized users.

**Remark: Glass Striker**

Adding to its versatility, the ZC-OTF002T comes equipped with a glass striker. This additional feature transforms the knife into a multi-functional tool, invaluable in emergency situations for breaking through barriers without compromising the integrity of the blade.



In conclusion, Sheldon's ZC-OTF002T OEM O.T.F. Knife is a formidable addition to any tactical toolkit. From its robust 3Cr13 blade to its sleek aluminum handle, every aspect of this knife has been engineered with precision and care. Its unique features, such as the thumb slide deployment and the rainbow titanium-coated spear point blade, not only define its distinctiveness in the market but also enhance its practicality for a myriad of uses. Sheldon, as a Manufacturing & Trading Combo, upholds its reputation for excellence by offering this

high-quality, versatile knife with the possibility for OEM customization, ensuring that the ZC-OTF002T meets the specific demands of diverse clientele. Whether for tactical purposes, everyday carry, or emergency preparedness, the ZC-OTF002T stands as a testament to Sheldon's dedication to quality, innovation, and customer satisfaction.

## **Essential Maintenance for Your O.T.F. Knife: Ensuring Durability and Reliability**

Out-The-Front (O.T.F.) knives are intricate tools that combine mechanical complexity with cutting precision. To ensure that your O.T.F. knife remains in top working condition, regular maintenance is a must. Here is a guide to teach you the basic steps to maintain your O.T.F. knife, thus preserving its efficiency, safety, and longevity.



### **Understanding the O.T.F. Knife Mechanism**

Before diving into maintenance, it's crucial to understand how an O.T.F. knife operates. An O.T.F. knife features a blade that slides in and out of the handle in a straight line, which is different from other folding knives. This is achieved through a spring-loaded mechanism that is activated by a switch or button on the handle. Proper care for this mechanism is essential for the knife's function.

## Regular Cleaning

The first and most important step in maintaining an O.T.F. knife is to keep it clean. Dirt, dust, and debris can accumulate inside the mechanism, causing the blade to deploy and retract less smoothly or even jam.

1. **Disassembly (if applicable):** If your knife is designed to be taken apart, carefully disassemble it according to the manufacturer's instructions. This will give you access to the internal components for thorough cleaning. If disassembly is not recommended, you can still clean around the slider and handle.
2. **Wiping the Blade and Handle:** Use a soft, lint-free cloth to wipe down the blade and handle. For stubborn residue, slightly dampen the cloth with water or rubbing alcohol, but be sure to dry the parts immediately after to prevent rusting.
3. **Cleaning the Internal Mechanism:** Compressed air is excellent for removing loose debris from the internal mechanism. For more thorough cleaning, a cotton swab can be used to gently remove grime from the sliding track and surrounding areas.

## Lubrication

After cleaning, lubrication is the next critical step. Proper lubrication ensures that the blade deploys and retracts smoothly and reduces wear on moving parts.

1. **Choosing the Right Lubricant:** Use a lubricant designed specifically for knives or precision machinery. Avoid heavy oils or grease, which can attract dirt and grime. A light silicone or Teflon-based lubricant often works best.



2. **Applying Lubricant:** Apply a small amount of lubricant to the blade's sliding track and the spring mechanism. Use a precision applicator for better control, and avoid over-lubricating, as this can attract more dirt.
3. **Working the Mechanism:** After applying lubricant, work the deployment and retraction mechanism several times to distribute the lubricant evenly.

## Blade Care

The blade of your O.T.F. knife is its most critical component, and keeping it sharp and rust-free is vital for performance.

1. **Sharpening:** Use a sharpening stone or tool suitable for the blade's material and edge style. Follow the manufacturer's guidelines for sharpening angles and techniques. Consistent, gentle strokes across the sharpener will help maintain the edge without removing excess material.
2. **Preventing Rust:** If the blade is made of a material prone to rusting, make sure to keep it dry and apply a protective oil lightly. For stainless steel blades, regular cleaning and occasional oiling should suffice to prevent rust.

## Inspection and Adjustment

Regularly inspect your O.T.F. knife to ensure all parts are functional and the blade is secure.

1. **Checking for Loose Components:** Over time, screws and other components can become loose due to the vibration of the deployment mechanism. If your knife is designed to be adjusted, gently tighten any loose screws with the appropriate tools.
2. **Inspecting the Blade:** Check the blade for any signs of damage, such as chips or bends. If you notice any, it may be time to have your knife serviced by a professional.



## Storage

When not in use, store your O.T.F. knife in a dry place away from dirt and moisture. A knife pouch or case can offer additional protection and keep the knife clean and safe.

## Conclusion

Maintaining your [O.T.F. knife](#) is not just about keeping it clean and sharp. It's about preserving the precision-engineered functionality that makes it such a valuable tool. Regular cleaning, proper lubrication, blade care, routine inspections, and correct storage are all essential components of O.T.F. knife maintenance. By following these guidelines, you ensure that your knife remains a reliable companion for everyday tasks, outdoor adventures, or critical situations. Remember that regular maintenance not only extends the life of your knife but also ensures that it's ready and safe to use whenever you need it.