3 FLOOR, NO.204 DONGFENG 4 ROAD, YANGJIANG,
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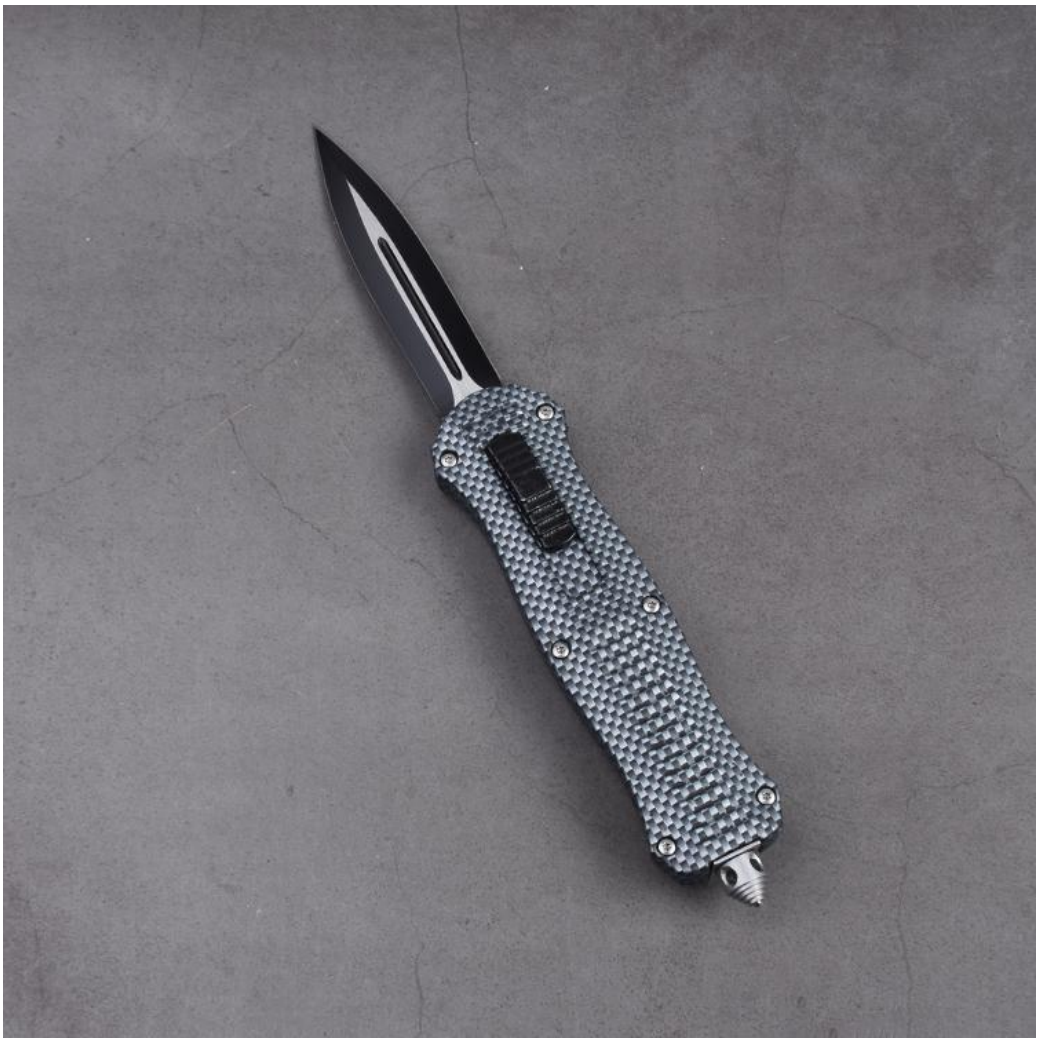
The Tactical Edge: Procuring the ZC-OTF005 OEM O.T.F. Knife with Shieldon

When it comes to sourcing tactical knives for your business, precision in product description and procurement details is as sharp as the blade itself. Shieldon, a renowned Manufacturing & Trading Combo, presents the ZC-OTF005 OEM O.T.F. knife – a perfect blend of strength, functionality, and aesthetic appeal. This procurement description will delineate the specifications and details of the ZC-OTF005 model, ensuring that you have a comprehensive understanding of the product you are sourcing.



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Item Description

The ZC-OTF005 is a high-quality Out-The-Front (O.T.F.) knife, celebrated for its robust construction and seamless operation. Designed for both tactical enthusiasts and everyday carry, this knife boasts a 3Cr13 stainless steel blade known for its durability and ease of sharpening.

Blade Specification

The blade of the ZC-OTF005 is crafted from 3Cr13 stainless steel, a material favored for its balance of good hardness and resistance to corrosion. With a Rockwell Hardness (HRC) of 32-34, it offers the resilience necessary for a range of cutting tasks while maintaining its sharpness over time. The blade thickness of 2.8mm (0.11") provides a sturdy backbone, ensuring it can withstand rigorous use.

The blade spans a length of 94mm (3.7"), making it substantial enough for a variety of cutting jobs without being cumbersome. Its spear point style is versatile, offering a sharp point for piercing and a symmetrical shape for slicing, while the blackened finish not only adds to the tactical look but also provides an additional layer of corrosion resistance. The spike grind on the blade is specifically engineered for a sharper edge, enhancing its piercing capabilities.

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Handle Features

Encasing this blade is a handle made from a zinc alloy, giving the ZC-OTF005 a reassuring heft and durability. The handle thickness stands at 14.71mm (0.579”), providing a solid grip that translates to increased control and comfort during use. The grid handle color contributes to the tactical aesthetic while offering additional grip support.

Operational Mechanics

Deploying the blade is effortless with the thumb slide located on the side of the handle, allowing for quick and reliable blade extension and retraction. The O.T.F. mechanism operates smoothly, ensuring rapid deployment when seconds count.

Carry Convenience

At a total length of 230mm (9.06”) when fully deployed, this knife is substantial yet remains portable. The weight of the knife is 241g (8.5 oz), balancing heft with ease of carry. A tip-down pocket clip is included for secure and discreet everyday carry, ensuring the knife is always within reach when needed.

Additional Features

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The ZC-OTF005 also comes with a glass striker, an essential tool for emergency situations. This addition enhances the utility of the knife, making it an invaluable tool both for everyday scenarios and unexpected emergencies.

ODM and MOQ Details

Shieldon offers Original Design Manufacturer (ODM) services that allow for customization based on your specific business needs. The regular MOQ for the ZC-OTF005 is set at an accessible 10 units, making it feasible for businesses of all sizes to offer this knife to their customers without the burden of excessive inventory.

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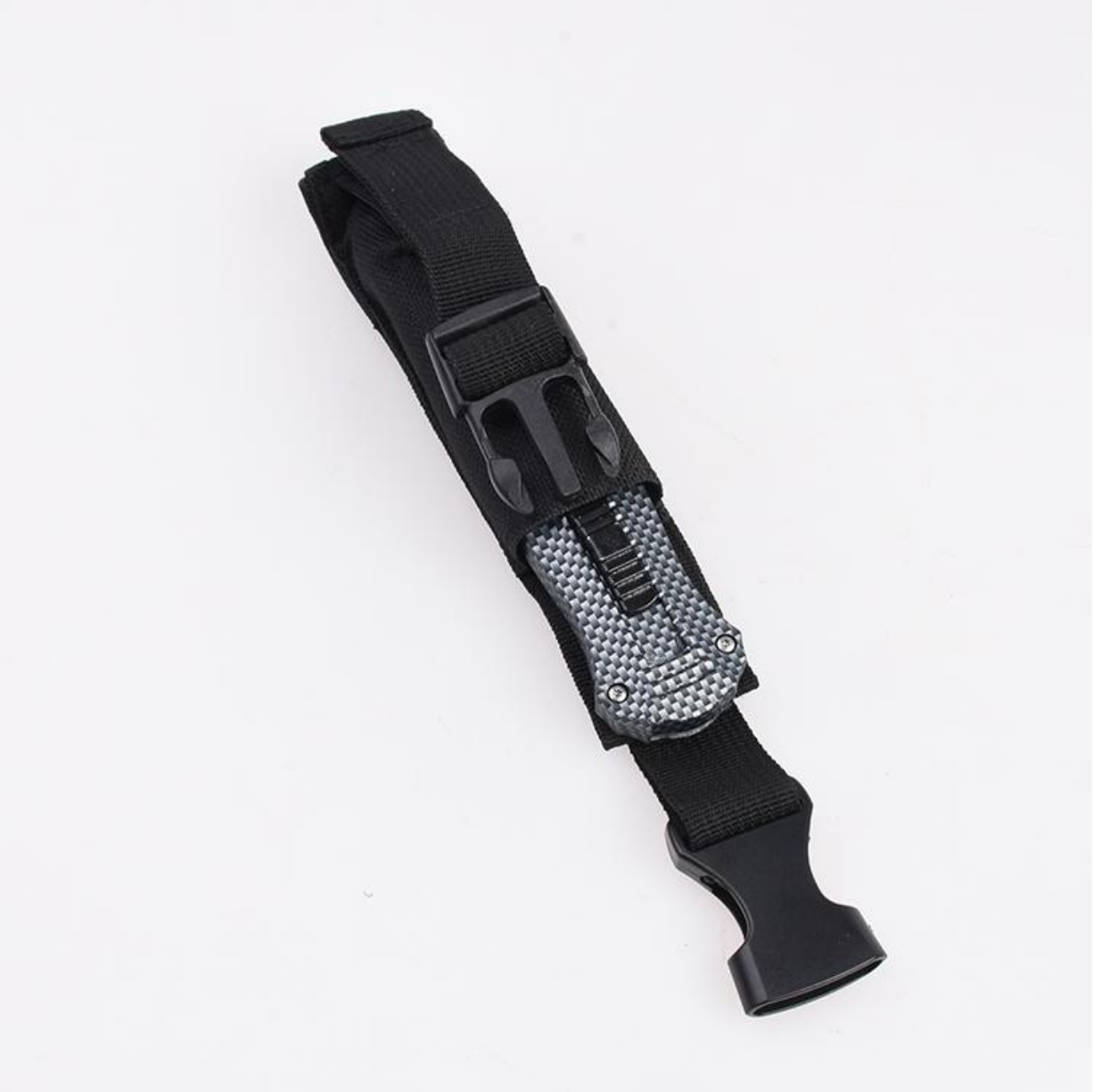

Procurement and Quality Assurance

When procuring the ZC-OTF005, Shieldon ensures that each knife undergoes rigorous quality controls. Their stringent process guarantees that every knife meets high standards of performance and quality, ensuring that your customers receive a product they can trust.

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Ordering and Customization Process

Ordering with Shieldon is a streamlined process, designed to be as efficient and client-friendly as possible. Detailed specifications like blade engraving, handle color customization, or mechanical tweaks can be discussed with Shieldon's professional team to ensure the final product aligns with your brand's image and customer expectations.

Shipping and Handling

Shieldon's expertise as a Trading Combo means that they handle all logistics, from manufacturing to delivery. Their experience in global shipping ensures that your order will be delivered promptly and securely, with all customs and importation aspects taken care of.

Support and Service

Shieldon's commitment to excellence extends beyond the manufacturing process. They offer comprehensive after-sales support to address any concerns and maintain the satisfaction of your customers.

Conclusion

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The ZC-OTF005 OEM O.T.F. knife represents a perfect synergy of tactical functionality and modern design. With Shieldon's flexible MOQ and ODM capabilities, businesses can provide their customers with a customized and reliable cutting tool. Every detail, from the 3Cr13 blade with a blackened finish and spike grind to the zinc alloy handle with a grid pattern and included glass striker, has been meticulously crafted to offer superior performance.

By choosing Shieldon as your sourcing partner, you are opting for a company with an established reputation in the knife manufacturing industry, one that understands the intricacies of global commerce and delivers products that stand at the forefront of quality and innovation. The ZC-OTF005 is more than just a knife; it is a commitment to excellence, a tool that your customers will rely on and a product that will elevate your brand's standing in the market.

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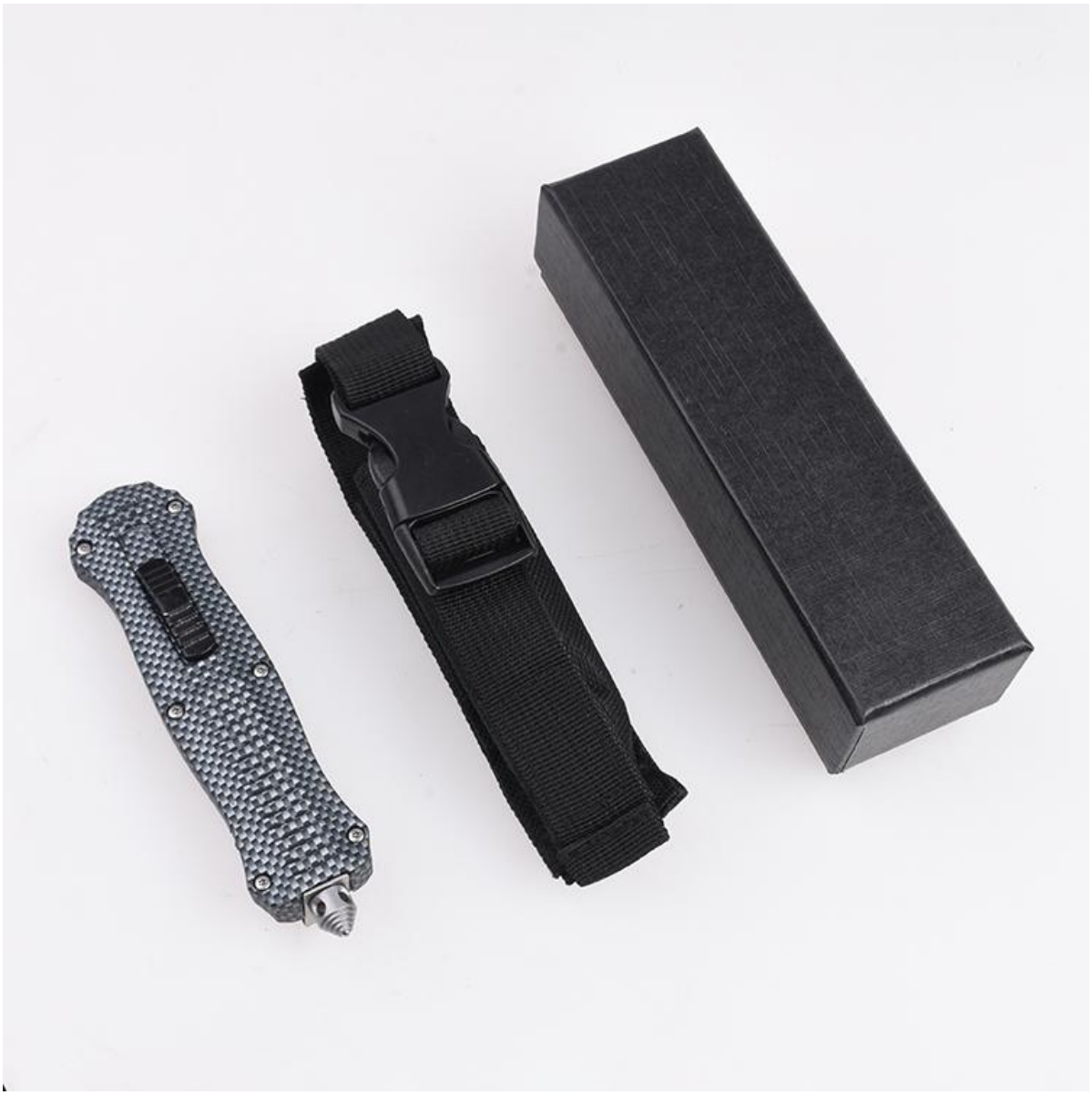

Unfolding the Basics: The Anatomy of an O.T.F. Knife

Out-The-Front (O.T.F.) knives, known for their unique sliding mechanism, allow the blade to deploy and retract through a slot in the knife handle with a simple push or pull of a thumb slide. This design has captivated knife enthusiasts not only for its swift action but also for its complex and sophisticated internal structure. Understanding the basic anatomy of an O.T.F. knife is essential for both aficionados and newcomers to appreciate the engineering marvel these knives represent. Let's delve into the components that make up the structure of an O.T.F. knife.

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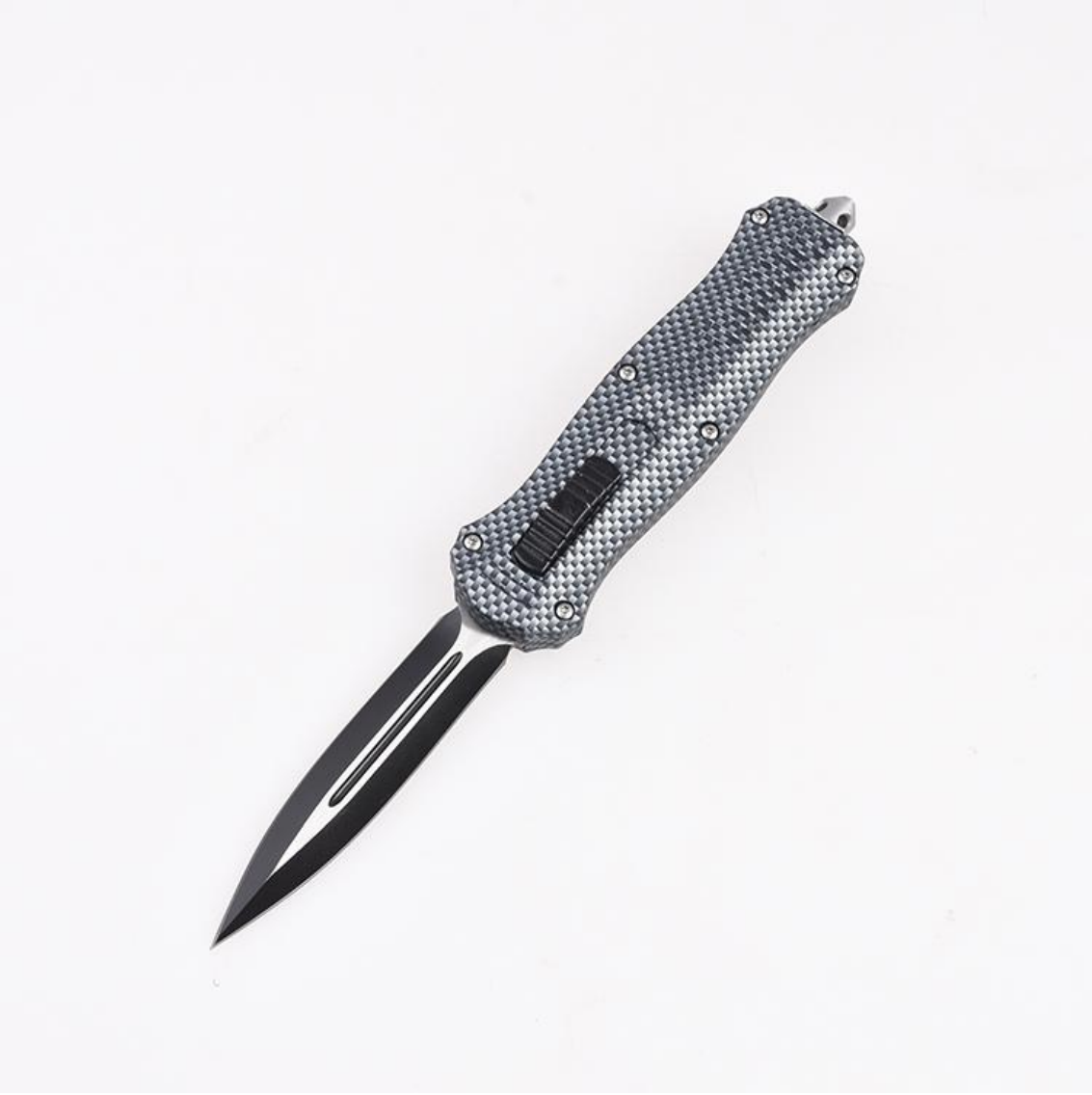
1. **Blade**

The blade is the heart of any knife. In O.T.F. knives, the blade typically comes in various shapes, such as dagger, drop point, or tanto, and is crafted from high-quality steel. It must be slender enough to slide within the handle's narrow channel yet strong enough to perform cutting tasks effectively.



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1. **Handle**

The handle of an O.T.F. knife is designed to house the blade and the mechanism responsible for its deployment and retraction. It's usually made of durable materials like aluminum, titanium, or high-grade plastics to withstand the forces exerted during the knife's operation.

1. **Thumb Slide or Switch**

Positioned on the side or the face of the handle, the thumb slide is the user's point of interaction with the knife's mechanism. By pushing forward on the slide, you deploy the blade, and by pulling it back, you retract the blade into the handle.

1. **Internal Channel**

Within the handle is a channel that guides the blade in and out of the handle. This channel must be precisely engineered to allow smooth blade movement while maintaining enough tightness to support and stabilize the blade when it's extended.

1. **Spring Mechanism**

O.T.F. knives are spring-assisted. When the thumb slide is activated, it either compresses or releases tension in a spring, which in turn pushes the blade out or pulls it back in. This spring is crucial to the snappy action that O.T.F. knives are famous for.

1. **Locking Mechanism**

A locking mechanism is incorporated to ensure that the blade stays in place once deployed. It prevents the blade from retracting accidentally during use. The locking mechanism also holds the blade securely inside the handle when not in use.

1. **Track and Guides**

A track inside the handle aligns with guides on the blade, keeping the blade straight as it moves. These guides must be smooth and wear-resistant to ensure longevity and consistent functionality.

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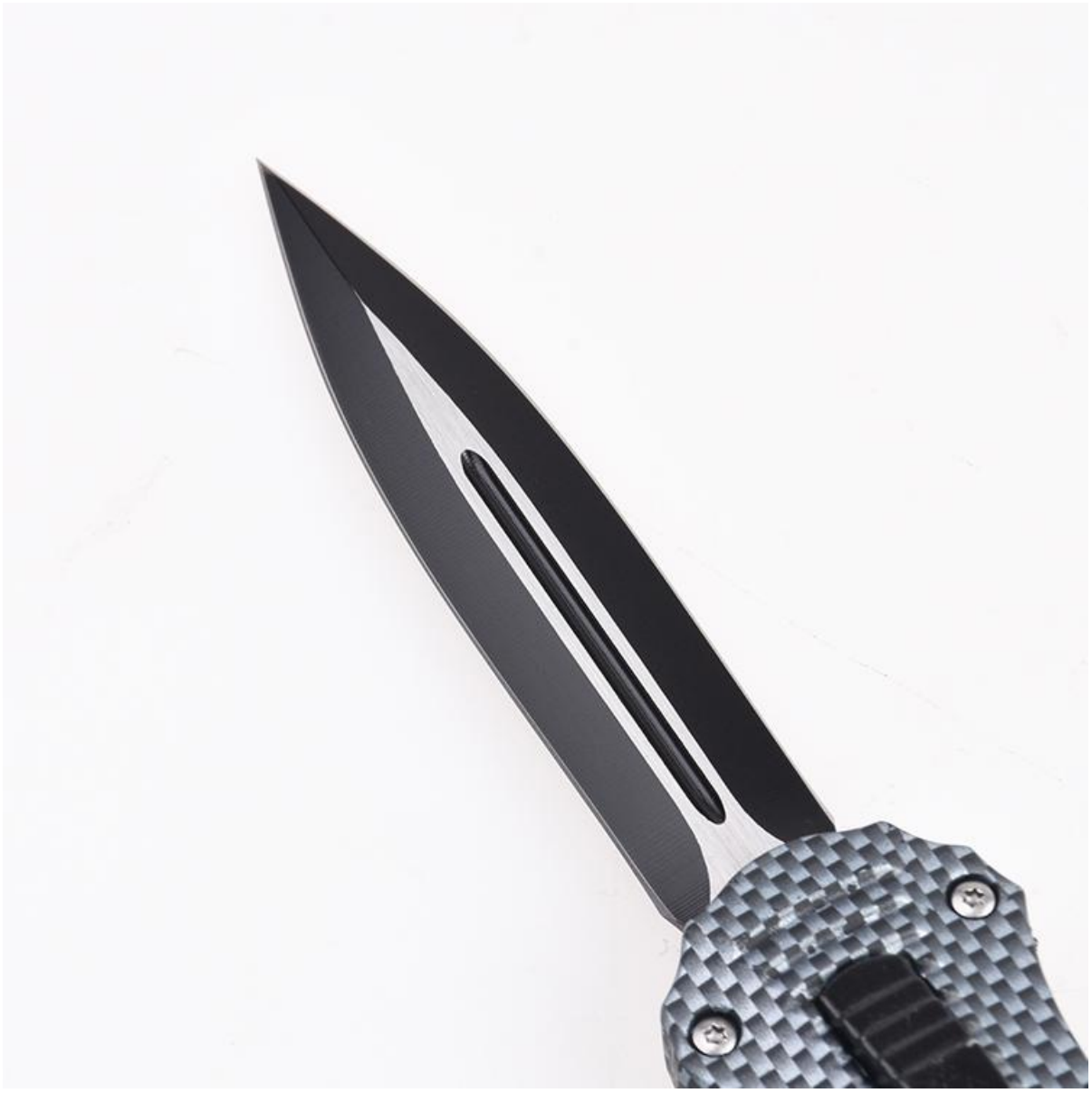

1. **Firing and Retraction System**

Most O.T.F. knives use a dual-action mechanism for firing and retraction, meaning the same switch will both deploy and retract the blade. This system typically involves a complex interplay of internal components, like levers and springs, which work together to control the blade's movement.

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1. **End Cap or Base**

The end cap seals the interior of the knife, holding the mechanism in place. It is often designed to allow for easy disassembly for maintenance or repair.

1. **Safety Features**

Some O.T.F. knives come with safety features to prevent accidental deployment. These can include specialized locking systems that must be disengaged before the thumb slide can be activated.

1. **Pocket Clip**

While not part of the deploying mechanism, the pocket clip is an important feature for carrying an O.T.F. knife. It allows the knife to be securely fastened to a pocket edge or belt for easy access.

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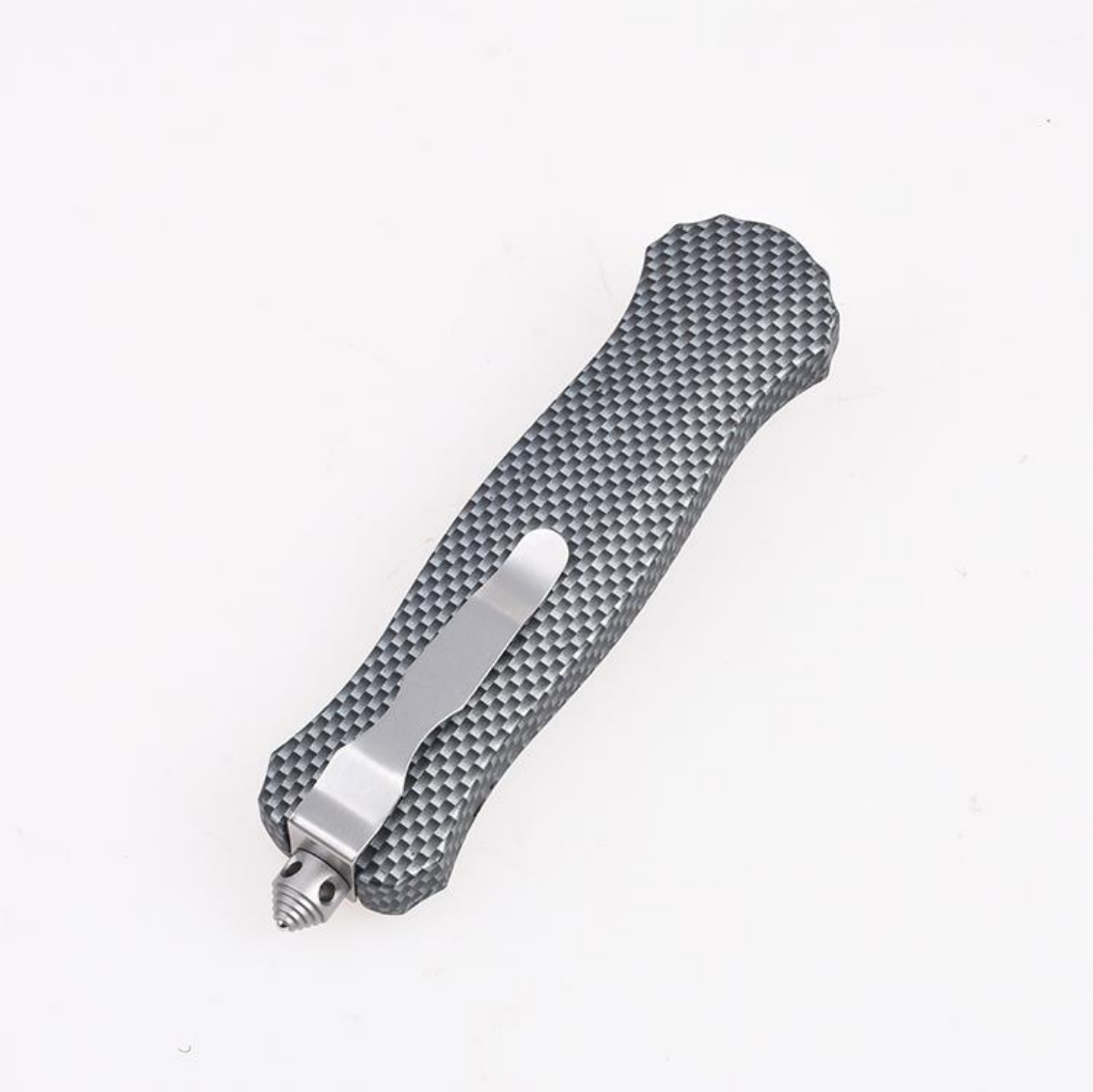

Understanding the components that make up an O.T.F. knife is just the beginning. True mastery comes from hands-on experience and familiarity with the specific model you own or are interested in. The intricacy of the O.T.F. mechanism demands respect for its design and careful handling to maintain its functionality and safety. Whether you're a collector, a tactical user, or someone who appreciates the fine mechanics of knives, the allure of an O.T.F. knife's structure is undeniable. It's a perfect union of form, function, and ingenuity tucked into the palm of your hand.