

Precision Craftsmanship Meets Classic Elegance: The Shieldon FR-0510 Stiletto

In the realm of cutting-edge innovation and timeless design, [Shieldon Manufacturing](#) & Trading Combo presents the FR-0510 Folding Knife – a synthesis of robust functionality and classic aesthetic appeal. For the discerning collector or the practical outdoorsman, the OEM long wood handle stiletto bayonet with a blood groove blade encapsulates the essence of a premium folding knife. This purchasing description delves into the craftsmanship behind the FR-0510, showcasing why it stands as a paragon amidst Shieldon's esteemed collection.



Detailed Product Specifications:

- **Item Number:** FR-0510
- **Item Segment:** Folding Knife
- **Blade Material:** Crafted from 3Cr13 stainless steel, this blade offers a balance between edge retention and ease of sharpening. The steel composition ensures functionality for everyday tasks, while upholding strength for more demanding uses.
- **Handle Material:** The handle is a fusion of durable 2Cr13 stainless steel paired with richly colored wood, providing both resilience and the warm, inviting feel of a traditional wooden handle.
- **Blade Hardness:** Rated at 50-52 HRC, the blade offers a solid hardness level that is suitable for general use, balancing flexibility with the ability to maintain a sharp edge.
- **Blade Thickness:** At 0.091 inches (2.3mm), this blade is designed to handle both precision tasks and more robust cutting without compromising on agility.
- **Blade Length:** The impressive 5.98 inches (152mm) spear point blade is perfect for those who value a longer cutting edge for diverse applications.
- **Handle Thickness:** With a comfortable thickness of 0.72 inches (18.3mm), the handle provides a substantial grip for confidence in handling.
- **Total Length:** Unfolded, the FR-0510 stretches to a total length of 13.03 inches (331mm), providing a formidable presence in any user's hand.
- **Weight:** Weighing in at a solid 7.32 ounces (207.5g), this folding knife feels substantial and reliable when at work.
- **Blade Style:** The spear point blade style is renowned for its symmetry and balance, offering precision piercing capability with a strong point, while the bayonet design accentuates its sleek profile.
- **Handle Color:** The natural wooden color of the handle adds a touch of rustic charm, making each knife uniquely alluring.
- **Pocket Clip:** The tip-up pocket clip design allows for secure and discreet carry, ensuring that your knife is always within reach when needed.
- **Lock Mechanism:** A robust liner lock mechanism secures the blade in place when open, providing safety and reliability during use.
- **Open Way:** The flipper opening mechanism allows for a swift and smooth deployment of the blade, a feature that combines convenience with traditional manual operation.
- **Blade Finish:** A bead-blasted finish gives the blade a consistent, matte appearance, minimizing reflections and enhancing the knife's overall sleek aesthetic.
- **Blade Grind:** The spike grind on the blade is meticulously executed, offering a sharpened edge that is both visually striking and practically effective.

Advantages and Features:



The Sheldon FR-0510 is an intricately designed folding knife that speaks volumes of its quality through every component. The spear point bayonet blade features a prominent blood groove, not only enhancing the knife's visual appeal but also reducing weight and potentially increasing cutting efficiency.



Each FR-0510 benefits from Sheldon's commitment to precision engineering and quality control. With the option to add an assist-spring in the pivot, users can customize their experience for even quicker blade deployment.

Strategic Sourcing with Sheldon:

Sheldon's ODM Regular MOQ stands at 1200 units for the FR-0510, a testament to the company's commitment to providing tailored solutions for businesses of all sizes. This approach to Minimum Order Quantity ensures that even smaller businesses can access high-quality products without excessive inventory risk.

Tailored for Your Market:

Understanding that each market has its unique demands, Sheldon's engineers are prepared to work closely with clients to customize the FR-0510 to meet specific requirements. Whether adjusting materials, mechanism, or design details, Sheldon's flexible manufacturing process allows for a personalized product that aligns with your strategic business goals.

Conclusion:



The Sheldon FR-0510 folding knife is more than a tool; it is a statement of sophistication and practicality combined. For those looking to source a premium outdoor knife that marries the reliability of modern engineering with the finesse of timeless design, the FR-0510 stands as an ideal choice.



With Sheldon's expertise in Manufacturing & Trading, clients can rest assured that they are not only getting a product of exceptional quality but also a strategic sourcing experience that is as

seamless as it is satisfactory. Whether for retail, wholesale, or private label, the FR-0510 is a cut above the rest, ready to carve a niche in markets worldwide.

Unfolding the Essentials: The Anatomy of a Folding Knife

The folding knife, a compact tool of versatility, has etched its place in pockets and pouches of enthusiasts worldwide. Its functionality extends beyond mere cutting; it's a survival implement, an everyday carry essential, and for some, a collectible artifact. Understanding the basic structure of a folding knife is fundamental for users, collectors, and curious minds alike. Here we dissect the anatomy of this ingenious device, laying bare the components that compose its form and enhance its function.

The Blade: The Cutting Edge

At the heart of any folding knife is the blade, the purposeful piece of hardened metal ready to tackle cutting tasks. Folding knife blades come in various shapes, including drop point, clip point, and tanto, each tailored to specific uses. The blade's steel composition can range from stainless to high carbon varieties, affecting characteristics such as edge retention, corrosion resistance, and overall toughness.



The Handle: Grip and Ergonomics

Encasing the blade is the handle, designed to provide a secure and comfortable grip. Handles integrate materials like wood, metal, synthetic composites, or even advanced G-10 laminate, offering durability and aesthetic appeal. The handle's contours, jimping (notched sections), and texturing are all critical for control and comfort during use.

The Pivot: The Folding Mechanism

Joining the blade to the handle is the pivot, a pivotal point (pun intended) that allows the blade to swing open and close. The pivot mechanism must balance ease of movement with the blade's secure positioning when deployed. High-quality knives often feature ball bearings or washers at the pivot for smooth operation and reduced wear over time.

The Lock: Ensuring Safety

A crucial safety feature of a folding knife is the lock mechanism. It prevents the blade from closing inadvertently during use. Common locking systems include liner locks, frame locks, and lockbacks. Each has its method of engaging and releasing, but all serve to keep the user safe from unintended blade closure.

The Opening Mechanism: Quick Access

In a moment's notice, the need for a knife can arise. The opening mechanism dictates how swiftly and efficiently one can deploy the blade. Traditional folding knives may use a nail nick, while modern iterations often feature thumb studs, thumb holes, or flippers for one-handed opening.



The Pocket Clip: Carry Convenience

For ease of carry, many folding knives include a pocket clip. This feature allows the knife to be securely fastened to the edge of a pocket or belt, ensuring the knife is accessible and upright for quick deployment.

The Spacer, Screws, and Lanyard Hole: The Final Touches

The structural integrity of a folding knife is bolstered by spacers, which maintain the handle's shape and provide internal support. Screws facilitate the assembly and maintenance of the knife, allowing for adjustment or disassembly when necessary. A lanyard hole at the end of the handle offers an additional carrying option, permitting the attachment of paracord or a keyring for accessibility and loss prevention.

Maintenance and Care

Understanding the structure of a folding knife also brings the responsibility of maintenance. Regular cleaning of the blade, pivot, and locking mechanism ensures longevity and reliability. Lubrication of the pivot keeps the action smooth, while periodic sharpening maintains the blade's cutting efficiency.

In summary, the folding knife is a marvel of design that combines utility and artistry. Its structure is a coherent system where each component plays a role in delivering performance and user satisfaction. The blade is the workhorse, the handle provides control, the pivot brings fluid motion, the lock ensures safety, the opening mechanism facilitates readiness, and the pocket clip, screws, and lanyard hole add to its practicality.



Whether a novice or a seasoned user, knowing the anatomy of a [folding knife](#) empowers you to choose, use, and care for it wisely. The folding knife is not just a tool but a companion for the everyday adventurer, the pragmatist, and the artisan. With this knowledge, you're better equipped to select and maintain a folding knife that serves your needs, reflects your style, and stands the test of time.