

Precision Meets Performance: Sheldon's Hawkbill Neck Semi-Serrated Folding Knife

Introducing the Sheldon FR-0502, the embodiment of robust functionality and aggressive design. This [OEM folding knife](#) is a testament to Sheldon's dedication to providing high-quality, customizable cutting tools that meet the stringent demands of diverse markets. With its distinctive Hawkbill blade and semi-serrated cutting edge, the FR-0502 is engineered for precision and reliability.



A Blade Built for Efficiency

At the heart of the FR-0502 lies its Hawkbill blade, crafted from 3Cr13 stainless steel known for its durability and ease of sharpening. The blade's high carbon content, paired with an HRC (Hardness Rockwell C) of 50-52, offers a fine balance between toughness and edge retention. Measuring 2.95 inches (75mm) in length and 0.106 inches (2.7mm) in thickness, the blade is robust enough to handle demanding tasks while maintaining a sleek profile.

Cutting Edge Innovation

What sets the FR-0502 apart is its semi-serrated edge, which combines the slicing efficiency of a straight edge with the sawing capability of serrations. This versatile design makes it a formidable tool for cutting through a range of materials, from rope to rigid plastic. The blackened and stonewash finish not only adds a tactical aesthetic but also provides an extra layer of corrosion resistance, ensuring the knife's longevity even in harsh environments.

Handle for Commanding Grip

The handle, constructed from G10 material, is known for its high strength, low moisture absorption, and excellent chemical resistance. It ensures that the knife remains light yet durable. The black color of the handle is not just about style; it's about providing a non-reflective surface ideal for discreet use. Its thickness of 0.567 inches (14.4mm) offers a substantial grip, giving users full control over the blade.





Compact Powerhouse

When fully extended, the FR-0502 boasts a total length of 7.72 inches (196mm), making it a powerful tool that's still compact enough for everyday carry. Weighing in at 4.44 ounces (126g), it strikes the perfect chord between heft and portability.

Secure and Intuitive Use



Safety and ease of use are paramount. The FR-0502 features a reliable liner lock mechanism that ensures the blade stays open during use and prevents accidental closure. The opening system is a synergy of a flipper and a hole, providing two convenient methods for quick and smooth blade deployment.

Carry with Confidence

The tip-down pocket clip is not just about carrying convenience; it's about readiness and accessibility. It ensures that the knife can be discreetly and securely attached to a pocket or belt, always within reach when needed.

Precision Ground Blade

The flat blade grind offers a balance between the ease of sharpening and the ability to make clean cuts. It is the grind of choice for those who demand performance in their cutting tools.

Customizable for Your Brand

The Shieldon FR-0502 is more than a knife; it's a canvas for your brand. With ODM Regular MOQ of 1200, Shieldon provides ample scope for customization, allowing you to align the knife with your brand identity and market strategy.





Adaptable Design

Understanding the need for versatility in different markets, the FR-0502 can be modified to feature a slip-joint in the pivot, catering to regions with specific knife-carrying regulations.

Shieldon: Your Partner in Precision



Shieldon stands at the intersection of craftsmanship and commerce, offering a Manufacturing & Trading Combo business that understands the complexities of the global market. We are not just manufacturers; we are innovators and collaborators, dedicated to delivering products that resonate with your customers.

Commitment to Quality

Every Shieldon knife, including the FR-0502, undergoes rigorous quality control checks to ensure that each piece meets our high standards. From the initial design phase to the final product, our commitment to excellence is unwavering.

Collaborative Design Process

We believe that the best products are born from collaboration. Our team works closely with clients to fine-tune designs, ensuring that the end product is a reflection of their vision and market needs.

Streamlined Sourcing



Our expertise in foreign trade simplifies the sourcing process for our clients. We navigate the complex logistics, regulatory compliance, and customs clearance, so you don't have to. With Sheldon, you can rest assured that your orders will be delivered efficiently and effectively.

Conclusion:

The Sheldon FR-0502 folding knife is more than just a tool; it is a statement of quality and an embodiment of practical design. Whether it's for retail, promotional purposes, or as part of a curated collection, this knife is poised to exceed expectations. With Sheldon as your sourcing partner, you have access to a team that is committed to transparency, innovation, and customer satisfaction. Embrace the Sheldon FR-0502 for your next product lineup and carve out a reputation for excellence in your market.

Essentials Unfolded: Choosing and Maintaining Your EDC Folding Knife

A folding knife is an indispensable tool in [everyday carry \(EDC\) gear](#). It serves a multitude of purposes, from routine tasks to emergency situations. Understanding the basics of folding knives, including handle materials and maintenance, is essential for selecting a knife that suits your needs and ensuring its longevity.





Handle Materials: The Grip of Quality

The handle is the touchpoint between you and your knife; it dictates the comfort, durability, and overall feel of the knife during use. Here are some of the most common handle materials used in folding knife production:

1. **G10:** A popular choice for its durability and lightweight properties. G10 is a type of fiberglass laminate that's been compressed and baked, resulting in a material that is impervious to water and most chemicals.

2. **Carbon Fiber:** Known for being exceptionally lightweight and strong, carbon fiber is a premium handle material. It's made of thin strands of carbon that are woven and then set in resin.
3. **Aluminum:** Aluminum handles are favored for their balance of lightness and strength. They are often anodized for color, hardness, and protection.
4. **Stainless Steel:** Stainless steel handles are valued for their heft and strength, contributing to the overall weight and balance of the knife. They are also corrosion-resistant.
5. **Titanium:** This metal combines lightness with strength and offers excellent corrosion resistance. Titanium handles can be found on higher-end knives and can be textured or anodized for color.
6. **Wood:** Wood handles offer a classic look and can range from basic to highly exotic, affecting the knife's price. While not as durable as synthetic materials, wood has a timeless appeal and can be very comfortable in hand.
7. **Bone:** Bone, often from cattle, is another traditional material that's been used for centuries. It provides a unique look but like wood, requires more maintenance to keep it in good condition.
8. **Micarta:** This is another type of composite, made from layers of cloth that are soaked in resin and then pressed and heated. Micarta is known for its durability and grip.

Maintaining Your EDC Folding Knife

Regular maintenance is key to ensuring that your EDC folding knife performs reliably. Here are some tips on how to keep your knife in top condition:

1. **Keep It Clean:** After each use, clean the blade and handle with a damp cloth. For a more thorough cleaning, disassemble the knife if possible and use a mild soap solution. Ensure you dry all parts completely to prevent rust.
2. **Lubricate the Pivot:** The pivot area can collect grime and slow down the opening mechanism. Apply a drop or two of knife lubricant to keep the action smooth. Be sure to wipe away excess oil.

3. **Sharpen the Blade:** A sharp knife is safer and more effective. Use a sharpening stone, honing rod, or a knife sharpener designed for the blade's specific edge. Maintain the correct angle and follow the manufacturer's instructions.
4. **Inspect the Screws:** Periodically check and tighten the screws on the handle and the pivot. Loose screws can lead to instability and unsafe knife operation.
5. **Store It Properly:** When not in use, store your knife in a dry environment. Consider a knife pouch or sheath to protect the blade and handle from scratches and moisture.
6. **Avoid Abuse:** Do not use your folding knife as a pry bar, screwdriver, or hammer. Such misuse can damage the knife and void the warranty.
7. **Mind the Lock:** Always ensure the knife's lock is fully engaged before use. Regularly inspect the lock mechanism for wear and function.



Remember, the right [folding knife](#), with proper care, can be a trusted companion for years to come. Whether you're opening packages, preparing a campsite, or in need of a utility tool, your EDC folding knife will be ready to assist with just a flick of the wrist. Choose wisely, maintain regularly, and carry confidently.