

## The Multifunctional Maverick: Sheldon's OEM Folding Knife FR-0507 - Your Versatile Survival Companion

When it comes to purchasing a folding knife that is not only reliable and robust but also loaded with multifunctional features, Sheldon's [OEM Folding Knife](#) FR-0507 emerges as a clear frontrunner. Designed to be an essential tool for the adventurous, the handy, and the everyday user, this knife encapsulates versatility and practicality in one smart package.



**The High-Performance Blade**



At the heart of the FR-0507 is its blade, crafted from 3Cr13 stainless steel – a material chosen for its commendable balance of strength, durability, and corrosion resistance. The steel's hardness, rated at 50-52 HRC, ensures the blade retains sharpness through repeated use, while still being amenable to sharpening. The semi-serrated drop point blade, measuring 3.31 inches in length and 0.11 inches in thickness, provides a multipurpose edge that excels in slicing, sawing, and piercing. Its blackened finish is not just for aesthetics; it adds an extra layer of protection against corrosion and minimizes reflection, making it a discreet companion for all environments.

### **Handle: The Powerhouse of Utility**

Complementing the blade is the handle, constructed from 2Cr13 steel, known for its sturdiness and comfort in hand. The red cladding not only gives it a striking appearance but serves a practical purpose, enhancing grip stability and visibility so you can locate your knife quickly when you need it most. The handle is ergonomically designed with a thickness of 0.496 inches, allowing for a secure and comfortable grasp during extended use.

### **Innovative Features for Enhanced Usability**

What sets the FR-0507 apart are its integrated tools. A wire cutter and a life hammer are seamlessly incorporated into the design, making it more than just a knife – a true survival tool.



The wire cutter is ideal for those quick fixes or emergency situations, while the life hammer can shatter glass in life-threatening scenarios, such as being trapped in a vehicle.

## **Safety and Security**

Safety is paramount, and the FR-0507's liner lock mechanism ensures the blade stays open during use, preventing accidental closure. The knife can be quickly and easily deployed with either the flipper or the thumb stud, catering to personal preference and allowing for ambidextrous opening. For those desiring quicker deployment, the knife can be customized to include an assist-spring in the pivot, making it a swift tool to unleash.



### **Designed for Portability**

Despite its robust build, the FR-0507 is designed to be portable. Weighing in at a comfortable 4.09 ounces, it won't weigh you down on the go. Its total length of 8.07 inches when opened, and a compact size when folded, makes it an ideal size to carry. The tip-down pocket clip allows for discreet and secure carry, ensuring that the knife is always within reach when you need it.

## **Aesthetic Appeal**

The FR-0507 doesn't compromise on looks. Its sleek design is complemented by a vibrant red handle that stands out and speaks of confidence. The blackened blade provides a striking contrast, making this knife not just a tool, but a statement piece.

## **Production and Quantity**

Shieldon, renowned for its precision manufacturing and customization capabilities, offers this knife as part of its OEM services. The standard minimum order quantity is set at 1200 units, making it an ideal option for businesses looking to add a dependable and multifaceted folding knife to their product line. The flat blade grind ensures consistency in production, maintaining the same high quality for each piece.

## **Quality Assurance and Delivery**

Quality is a cornerstone of Sheldon's business philosophy. Each FR-0507 knife undergoes stringent quality control checks to ensure that it meets the high standards expected by clients. From the initial steel forging to the final inspection of the finished product, every step is monitored for perfection.





## Conclusion

The Sheldon OEM Folding Knife FR-0507 is a comprehensive tool designed for resilience and versatility. It stands as a testament to Sheldon's commitment to quality, functionality, and user-centric design. Whether you're a retailer looking to offer your customers a reliable survival knife, or a company seeking a branded utility tool for your team, the FR-0507 is an option that promises to deliver satisfaction and performance. With its multifunctional design, customizable features, and striking aesthetics, it's a knife that's ready to handle anything – a true companion for those who demand excellence even in the tiniest details of their gear.

## The Essentials of Folding Knife Craftsmanship: Screws and Pivot Maintenance

Delving into the world of folding knives, one quickly realizes that the magic lies in the details. These compact, ingeniously designed tools are more than just portable cutlery; they are feats of engineering that blend form and function in a way that appeals to both the practical-minded and aesthetically inclined. A folding knife's reliability and longevity are often determined by two critical components: the screws used in its assembly and the maintenance of its pivot.



### Understanding Folding Knife Screws

Folding knives are held together by a variety of screws that serve different purposes. The most common types of screws you'll encounter include:

- **Pivot Screws:** These are the main screws that hold the blade and handle together, allowing the blade to pivot open and closed. They need to be durable and capable of maintaining tension without loosening over time.
- **Handle Screws:** These fasten the scales (the outer handle parts) to the liners. They might not experience as much wear as the pivot screws, but their integrity is vital for a comfortable grip.
- **Pocket Clip Screws:** Securing the pocket clip to the knife handle, these screws are smaller and often subject to repeated strain as the clip is used.

The materials and size of these screws can vary. However, most high-quality knives use corrosion-resistant metals like stainless steel or titanium, which offer a combination of strength and resistance to the elements. The size and thread pattern of these screws are typically standardized to facilitate easy maintenance and repair, with Torx (star-shaped) screws being particularly popular for their resistance to stripping.

## Maintenance of a Folding Knife's Pivot

The pivot is the heart of a folding knife's function. It's the point around which the blade rotates, and its smooth operation is crucial for safe and efficient use. Here's how you can maintain the pivot to ensure your knife always performs at its best:

- **Regular Cleaning:** Begin by opening and closing the blade several times to dislodge any visible dirt or debris. If the knife has been exposed to particularly gritty or dirty environments, consider a more thorough cleaning. This may involve disassembling the knife according to the manufacturer's instructions, being careful to keep track of all the parts.



- **Lubrication:** After cleaning, apply a small amount of knife-specific lubricant to the pivot area. Avoid using too much, as excess lubricant can attract more dirt. A drop or two should suffice. Use lubricants designed for knives or precision instruments – these formulas are engineered to withstand temperature changes and won't gum up over time.
- **Adjustment:** Check the tension of the pivot screw. The knife should open smoothly without any side-to-side play in the blade. If needed, adjust the pivot screw slightly. Be cautious not to over-tighten, as this can impede the blade's movement or strip the screw.
- **Regular Check:** Periodically inspect the pivot for wear and tear. If you notice unusual resistance or play in the blade, it may be time for a maintenance check. Sometimes, pivot screws can benefit from thread-locking compounds to prevent them from loosening, but this is best done with the guidance of the knife's manufacturer or a professional.



## Conclusion

For enthusiasts and professionals alike, a [folding knife](#) is a trusted companion that, with proper care, can last a lifetime. The selection of screws in its production ensures robust construction and function, while regular maintenance of the pivot guarantees enduring performance.

Understanding these aspects of folding knife care not only enhances your experience with the tool but also deepens your appreciation for the craftsmanship behind it. Whether you're fine-tuning your everyday carry or preparing for a wilderness adventure, remember – the secret to a knife's success lies in the turn of a screw and the smoothness of its pivot.

