

## Precision Craftsmanship Meets Natural Aesthetics: The OEM Folding Knife with Wooden Handle – FR-0508

In the meticulous world of [knife manufacturing](#), where every detail counts, Shieldon presents the FR-0508 - a testament to elegance, durability, and precision. This folding knife is not just a tool; it's a piece of art that marries the rustic charm of a color wood handle with the calculated finesse of a blackened drop point blade. Designed for the discerning customer who appreciates quality and a touch of nature's warmth in their everyday carry, the FR-0508 stands as a paradigm of Shieldon's commitment to excellence in both production and design.



## **A Blade Crafted for Versatility and Strength**

At the heart of the FR-0508's performance lies its meticulously crafted 3Cr13 stainless steel blade. Known for its impressive durability and ease of sharpening, the 3Cr13 steel makes for a resilient companion in various cutting tasks. Whether it's slicing through tough materials or performing more intricate cuts, the blade's hardness rating of 50-52 HRC ensures it remains up to the challenge without compromising its edge.

The blade, with a thickness of 0.114 inches (2.9mm), strikes a perfect balance between robustness and agility. At 3.54 inches (90mm) in length, it offers substantial cutting surface while maintaining the knife's compact form factor. The drop point style further enhances the blade's versatility, making it suitable for a wide array of cutting tasks – from the campsite to the kitchen.

## **Elegant and Ergonomic Wooden Handle**

Embracing its role as the interface between hand and blade, the FR-0508's handle is crafted from color wood, a material that evokes nature's beauty. The wooden handle not only adds an element of timeless elegance to the knife but also offers an ergonomic grip that conforms naturally to the hand. The warmth of the wood contrasts poignantly with the cool, business-like efficiency of the steel.



The handle's thickness of 0.587 inches (14.9mm) ensures a solid grip, giving users confidence and control in handling the knife. Meticulously shaped and polished, it showcases the wood's natural grain and hue, ensuring that each knife is unique.

### **Practical Features for Everyday Use**

With a total length of 7.99 inches (203mm) when opened, the FR-0508 is designed for practicality. It's a knife that's at home both in the great outdoors and in the urban jungle.

Weighing in at 3.77 ounces (107g), it is substantial enough to handle demanding tasks while still being lightweight enough for comfortable daily carry.





The inclusion of a hollow lanyard hole adds to the knife's utilitarian design, offering additional carrying and attachment options. The tip-down pocket clip is discreet and practical, facilitating easy access and safe transport.

### **Dependable Locking Mechanism and Ease of Opening**

Reliability is a non-negotiable trait in any folding knife, and the FR-0508's liner lock mechanism ensures the blade stays firmly in place during use, safeguarding the user against accidental

closures. The ease of operation is further enhanced by the thumb stud opening system, which allows for quick and effortless one-handed opening.

### **Sleek Blade Finish and Precision Grind**

The blackened finish of the blade is not only aesthetically striking but provides an extra layer of protection against corrosion and wear. This stealthy treatment adds to the knife's allure, captivating the eye while promising performance.

The flat blade grind is a choice that aligns with the knife's intended use – delivering a balance of sharpness and strength, ideal for both push cuts and slicing.

### **Customization and Minimum Order Quantity**

Understanding the diverse needs of businesses, Shieldon proudly offers the FR-0508 for OEM service, providing the opportunity to brand this exquisite knife with your company's logo and identity. For those seeking a more tailored approach, our ODM service allows for further customization, ensuring that the final product aligns perfectly with your brand's vision and your customers' expectations.



The regular MOQ stands at 1200 units, a quantity thoughtfully set to cater to businesses both large and small, offering a scale that ensures attention to detail, without compromising on the efficiency of production.

## **Conclusion**

The FR-0508 is more than just a folding knife; it's a carefully constructed tool designed to meet the needs of demanding users who do not wish to compromise on quality, functionality, or aesthetics. Each aspect of the knife has been thought out and executed with precision, from the selection of materials and the ergonomic design to the practical features that make it a versatile everyday tool.



As a Manufacturing & Trading Combo, Sheldon is dedicated to delivering premium quality knives that reflect the rigorous standards of craftsmanship and design. The FR-0508 is a shining example of this commitment, offering a product that is both a reliable tool and a work of art – ready to carve its mark in the industry and in the hands of its users.

## The Art of the Folding Knife: Disassembly and Reassembly 101

Folding knives are marvels of engineering, compactly designed for convenience and utility. Whether you're a knife enthusiast or just someone who likes to be prepared for the unexpected, understanding the basics of how to take apart and reassemble your folding knife can be incredibly useful. This knowledge can aid in maintenance, cleaning, and even custom modifications. This guide will provide you with foundational insights into the disassembly and reassembly process of a folding knife and the common types of screws used in its production.



## Disassembling Your Folding Knife



Disassembly of a folding knife is typically a straightforward process, but it requires patience and the right tools to avoid damaging the knife. Here's how you can cautiously take apart your folding knife:

1. **Prepare Your Workspace:** Find a clean, well-lit area to work in. Lay down a soft cloth or mat to avoid losing any small parts or screws during the process.
2. **Gather the Necessary Tools:** For most folding knives, you'll need a set of precision screwdrivers or torx drivers. The most common sizes are T6, T8, and T10, but this can vary depending on the knife model.
3. **Safety First:** Make sure the knife is closed before you start disassembling it to prevent injury.
4. **Remove the Screws:** Start by carefully removing the screws from the handle. These screws usually hold the scale (handle cover) in place. Place the screws on the cloth in the order they were removed.
5. **Detach the Scale:** Once the screws are removed, gently lift the scale away from the frame. Take care to note the position of any washers or spacers that may be present.
6. **Disengage the Blade:** With the scale removed, the blade and locking mechanism will be exposed. Carefully remove any screws securing the blade to the frame.
7. **Clean and Inspect:** With all parts separated, it's an ideal time to clean and inspect each component for wear or damage.

## Reassembling Your Folding Knife

Reassembling a folding knife involves reversing the disassembly process while paying close attention to the placement of each part.

1. **Place the Blade:** Reattach the blade to the frame, ensuring that any washers or spacers are in their correct positions. The blade should be centered and move freely without side-to-side play.
2. **Reattach the Scale:** Place the scale back onto the frame, aligning it properly with the screw holes.



3. **Replace the Screws:** Begin by threading each screw by hand to prevent cross-threading. Once all screws are in place, tighten them with the appropriate driver. Avoid over-tightening to prevent stripping the screws.
4. **Function Test:** Open and close the knife several times to ensure that the blade moves smoothly and the lock engages properly.

## Understanding Knife Screws

The screws used in folding knife production are not just generic fasteners; they are carefully chosen to complement the design and functionality of the knife. Here are the most common types:

- **Torx Screws:** These star-shaped screws are prevalent in knife construction due to their reliability and the fact that they're less likely to strip than other screw types. Sizes T6, T8, and T10 are commonly used.
- **Phillips and Flathead Screws:** Some knives may use these traditional screw types, though they're less common due to their higher tendency to strip.
- **Pivot Screws:** These larger screws hold the blade in place and allow for its pivoting action. Their size and design can vary greatly between different knife models.
- **Body Screws:** These smaller screws are typically used to hold the knife's scales onto the frame. They may be the same type as the pivot screws but are usually smaller.
- **Set Screws:** In some cases, set screws are used to secure components without passing through an entire piece of material.



It is crucial to use the correct size and type of driver when working with these screws to avoid damaging them.

### **Closing Thoughts**

Knowing how to disassemble and reassemble your [folding knife](#) is a valuable skill that will not only deepen your understanding of your tool but also empower you to maintain it in optimal condition. Remember to always handle the knife and its components with care, and never force

parts back into place. With these guidelines and a bit of practice, you'll be able to keep your folding knife functioning beautifully for years to come.