

## Precision Meets Practicality: The XW-1023 OEM Folding Pocket Knife by Sheldon

In the ever-evolving landscape of outdoor gear, the quest for a reliable and robust folding pocket knife remains a staple for enthusiasts and professionals alike. The XW-1023 [OEM Folding Pocket Knife](#) from Sheldon Manufacturing & Trading Combo is a testament to this enduring need. This knife is not just a tool; it is a testament to meticulous craftsmanship and a beacon of versatility. Let's delve into the purchasing description of this indispensable piece of equipment.



## Product Overview

The XW-1023 folding knife is an exquisite piece in Sheldon's extensive catalog, exemplifying the perfect balance between robust utility and sleek design. This folding knife segment has been thoughtfully crafted to meet the demands of everyday carry users, outdoor adventurers, and tactical enthusiasts.

## Blade Excellence

Material: 3Cr13 Stainless Steel

Hardness (HRC): 50-52

Thickness: 2mm / 0.079"

Length: 85mm / 3.35"

Style: Drop Point

Finish: Cladding

Grind: Flat

The heart of the XW-1023 lies in its blade. Made from 3Cr13 stainless steel, it offers a solid compromise between durability and ease of sharpening. The steel composition ensures a blade hardness rating of 50-52 HRC, which provides sufficient edge retention while maintaining flexibility. At a blade thickness of 2mm, it promises strength without unwarranted bulk. The drop-point style is a jack-of-all-trades, suitable for a wide range of tasks, from precise cuts to more demanding applications. The cladding finish not only protects the blade but also provides a sleek, modern look. A flat grind has been employed to ensure a sharp and efficient cutting edge, suitable for both slicing and chopping tasks.



## Handle Design

Material: Anodized Aluminum

Thickness: 22mm / 0.866"

Color: Camo

The anodized aluminum handle of the XW-1023 is designed for endurance and style. The camo color scheme appeals to those with an affinity for the outdoors or tactical gear.

Anodization not only provides an attractive hue but also enhances corrosion resistance, making the handle able to withstand rigorous use. The ergonomic design offers a comfortable grip and increases user control, while the thickness ensures a substantial feel in the hand without being cumbersome.

## Dimensions and Weight

Total Length: 194mm / 7.64"

Weight: 144g / 5.08 oz



The XW-1023's extended length of 194mm provides ample leverage for a variety of cutting tasks, while the compact folding design renders it portable and discreet. Weighing in at 144 grams, the knife feels solid and sturdy in the hand without being overly heavy, making it an ideal carry for those who need a reliable blade throughout the day.

### **Carry and Accessibility**

Pocket Clip: Tip-up

Open Way: Thumb Stud

Lock Mechanism: Liner Lock

On the practicality front, the XW-1023 features a tip-up pocket clip for easy and secure carriage. The thumb stud allows for quick and effortless one-handed opening. The liner lock mechanism is robust and reliable, ensuring the blade remains fixed during use and reduces the risk of accidental closure.



## Customization and MOQ

ODM Regular MOQ: 1200

Shieldon's Original Design Manufacturing (ODM) services permit a level of customization that is a cornerstone of the company's offerings. For businesses desiring to tailor the XW-1023 to their brand's unique specifications or market needs, the minimum order quantity stands at 1200 pieces - an accessible entry point for quality customization.

## **Ideal Use Cases**

The XW-1023 OEM Folding Pocket Knife is an all-rounder designed for versatility. It is an ideal companion for everyday carry (EDC), with a balanced weight and size that doesn't intrude on daily activities. For those in the outdoor realm, it serves as a reliable tool for camping, hiking, or hunting. Its tactical design elements also make it suitable for professional use by law enforcement or military personnel.

## **Quality Assurance**

Purchasing from Shieldon guarantees a product that has undergone rigorous quality control checks, ensuring that each knife lives up to the high standards expected by customers worldwide. With a heritage steeped in blade manufacturing, Shieldon's commitment to excellence is evident in every aspect of the XW-1023.

## **Conclusion**

The Shieldon XW-1023 OEM Folding Pocket Knife encapsulates the company's ethos of delivering products that marry form with function. It stands as a testament to the belief that a good knife doesn't just cut - it becomes an integral part of one's daily gear, ready to tackle



challenges that lie ahead. With an eye for detail and a commitment to quality, Shieldon ensures that the XW-1023 is not just another knife in the market but a blade that will stand the test of time and use.



For businesses looking to offer their customers a folding knife that emphasizes durability, practical design, and aesthetic appeal, the Shieldon XW-1023 is a purchasing choice that resonates with quality and trust.



## Mastering the Fold: The Essentials of Folding Knife Operation and Steel Composition

Folding knives have been indispensable tools throughout history, revered for their convenience, portability, and versatility. Modern folding knives come in a variety of sizes, styles, and mechanisms, catering to a broad range of users from utility workers to outdoor enthusiasts. Understanding how to properly and safely operate a folding knife is crucial, as is some basic knowledge of the steel used in knife blades. Let's explore these fundamental aspects to help you confidently handle and appreciate your folding knife.



## Opening a Folding Knife

To open a folding knife, you must first be familiar with the type of opening mechanism it uses. Common opening mechanisms include thumb studs, flippers, and assisted-opening technologies. Regardless of the mechanism, safety should always be your first priority.

1. **Thumb Studs:** Many folding knives feature a small stud on the blade. To open, grip the handle firmly and use your thumb to push against the stud, swinging the blade out until it locks into place.

2. **Flippers:** A flipper knife has a small tab protruding from the back of the blade when closed. Applying pressure on it with your index finger will cause the blade to pivot open and lock.
3. **Assisted-Opening:** These knives incorporate an internal mechanism that helps propel the blade open once you start the process, typically by pushing a thumb stud or flipper.

When opening any folding knife, use controlled force and keep your fingers away from the blade's path to avoid injury. Ensure the blade is fully locked into position before use.

## Closing a Folding Knife

Closing a folding knife is just as important as opening it, and it should be done with care to prevent the blade from snapping shut on your fingers.

1. **Locking Mechanisms:** Familiarize yourself with the knife's lock. Common locks include liner locks, frame locks, and lock backs.
2. **Liner and Frame Locks:** To close a knife with a liner or frame lock, use your thumb to push the lock aside and carefully fold the blade back into the handle. Ensure your fingers are out of the blade's path.
3. **Lock Back:** If your knife has a lock-back mechanism, press down on the release lever located on the spine of the handle and fold the blade into the handle.



Always control the blade's speed and watch your grip to ensure you don't accidentally close it on your hand.

### Chemical Composition of Knife Steel

The steel used for a knife blade is a complex alloy made up of several elements, each contributing to the blade's performance characteristics such as hardness, toughness, and corrosion resistance.

1. **Carbon (C):** Carbon is the primary hardening element in steel. Higher carbon content increases hardness, allowing for a sharper edge and better wear resistance.
2. **Chromium (Cr):** Chromium enhances corrosion resistance and toughness. Stainless steels contain at least 10.5% chromium, providing that shiny, rust-resistant quality.
3. **Molybdenum (Mo) and Vanadium (V):** These elements contribute to toughness and wear resistance, and help the steel maintain strength at high temperatures.
4. **Nickel (Ni):** Nickel adds toughness to the alloy and can improve corrosion resistance.

The hardness of knife steel is often measured on the Rockwell scale (HRC). A higher HRC indicates harder steel, which can retain a sharp edge longer but may be more brittle.

Conversely, a lower HRC means the steel is softer, less brittle, and easier to sharpen, though the edge may not last as long.



## Conclusion

Mastering the basic operation of opening and closing a [folding knife](#) is a skill that enhances both safety and efficiency. The knowledge of the chemical composition of knife steel allows users to understand and appreciate the balance between hardness, toughness, and corrosion resistance in their blades. By grasping these fundamentals, individuals can select, use, and maintain their folding knives with confidence and respect for the craft that goes into making

these remarkable tools. Whether you're a seasoned collector or a novice to the world of folding knives, remember that practice makes perfect, and knowledge empowers.