

Precision and Practicality: The OEM EDC LS-2564-A Folding Knife by Sheldon

In the world of everyday carry (EDC), the quest for the [perfect folding knife](#) is unending. It is an essential tool for countless tasks, a companion for adventures, and a statement of preparedness. The OEM EDC LS-2564-A knife by Sheldon is a testament to this relentless pursuit, crafted to meet the highest standards of functionality, durability, and ease of use.



Product Specification Overview

Model: LS-2564-A Type: OEM EDC Folding Knife Blade Material: High-Quality 7Cr17 Stainless Steel Handle Material: Tough G10 Composite Blade Hardness: 56-58 HRC Blade Thickness: 0.118 inches (3mm) Blade Length: 3.35 inches (85mm) Handle Thickness: 0.606 inches (15mm) Overall Length: 7.68 inches (195mm) Weight: 5.54 ounces (157g) Ball Bearing Pivot System: Steel Blade Style: Clip Point for Versatility Handle Color: Classic Black Pocket Clip: Convenient Tip-down Orientation Locking Mechanism: Secure Liner Lock Opening Mechanism: Dual Flipper and Hole for Fast Deployment Blade Finish: Elegant Satin Blade Grind: Precise Flat Grind Minimum Order Quantity for Regular Orders (ODM): 600

Crafted for the Connoisseur

Every aspect of the LS-2564-A folding knife is designed with performance and user experience in mind. The heart of this knife, the 7Cr17 stainless steel blade, offers excellent edge retention and corrosion resistance, balanced with impressive toughness. Each blade is heat-treated to a precise 56-58 HRC, ensuring that the knife remains sharp through extensive use while still allowing for relatively easy sharpening.

The Pinnacle of Blade Design

The clip point style of the blade is a hallmark of versatility, providing a sharp point for precision tasks while maintaining enough "belly" to be effective in slicing. The blade's satin finish not only



gives it a sleek and professional look but also reduces glare and minimizes the appearance of scratches. The 0.118-inch thickness ensures that the knife can stand up to rigorous cutting tasks without compromising its agility.



A Grip That Inspires Confidence

The G10 handle is renowned for its exceptional strength-to-weight ratio, offering the perfect foundation for a secure grip. Its black color is not just about aesthetics; it's a practical choice that minimizes the visibility of wear and tear. The handle's 0.606-inch thickness provides a

substantial grip without adding unnecessary bulk, and its ergonomic design allows for prolonged use without discomfort.

Innovative Opening Mechanism

The steel ball bearing pivot coupled with the dual flipper and hole opening mechanism ensures a smooth, fast deployment. This system allows the user to open the knife quickly and effortlessly, which is crucial in situations where every second counts. Whether you prefer the flipper or the hole, both are designed to be intuitive and accessible, even with gloved hands.

Secure Locking for Safety and Precision

The liner lock mechanism is carefully engineered to provide a secure lock-up of the blade when in use, giving users confidence during even the most demanding tasks. This reliability is essential not just for user safety but also for the accuracy and precision of the cuts made with the knife.

Carry with Ease



The tip-down pocket clip is a deliberate choice for ease of carry. It allows the knife to sit low in the pocket for discretion and ensures that it is always oriented correctly for a quick draw. The LS-2564-A is designed to be an extension of the user, always ready, and never obtrusive.

Flat Grinding for the Perfect Edge

The flat grind on the blade strikes the perfect balance between sharpness and strength. This grind type offers a simpler edge geometry that is not only easy to sharpen but also maintains its edge through extended cutting tasks.

The Shieldon Assurance

As a seasoned Manufacturing & Trading Combo, Shieldon has honed its process over 25 years to deliver only the best in OEM folding knives. The LS-2564-A is a proud offering in their portfolio, representing both their commitment to quality and their understanding of the discerning needs of EDC enthusiasts.

Authenticity and Inspection

Shieldon understands the importance of trust in foreign trade sourcing. Clients are invited to verify the quality and authenticity of their products through factory inspections. Shieldon's



open-door policy is a reflection of their commitment to transparency and customer satisfaction.

Flexible and Responsive Collaboration

Shieldon's experience in the industry enables them to be flexible and responsive to client needs. With an ODM Regular MOQ of 600, they cater to businesses of varying sizes, ensuring that even more specialized or boutique operations can have access to high-quality EDC tools.



Conclusion

Selecting the Sheldon OEM EDC LS-2564-A folding knife means choosing a product that embodies experienced craftsmanship, practical features, and a dedication to quality. Whether for resale under your own brand or as part of a corporate equipment provision, this knife is certain to exceed expectations. Sheldon stands ready to provide not just a product but a partnership that ensures your venture into the world of EDC knives is as successful and satisfying as the tools they help you provide.

Unfolding the Edge: A Guide to Blade Materials in Folding Knife Production

The heart of any folding knife is its blade. A blend of art and engineering, the choice of blade material plays a pivotal role in defining the knife's character, functionality, and longevity. For both knife enthusiasts and casual users, understanding the intricacies of blade materials is crucial for making an informed purchase. Let's delve into the world of folding knife steels and unravel the mysteries of their chemical composition.



The Steel Spectrum

Folding knife blades are primarily made from steel, an alloy of iron and carbon. However, not all steels are created equal. The addition of various elements in different quantities can drastically alter the steel's properties. Here's a comparative look at some commonly used steels in folding knives and their chemical compositions:

1. **Carbon Steel (e.g., 1095):** Known for its ease of sharpening, carbon steel typically contains between 0.6% to 1% carbon, which gives the blade hardness and edge retention. However, it lacks chromium, making it more prone to rust, thus requiring more maintenance.
2. **Stainless Steel (e.g., 440C, 8Cr13MoV):** Stainless steel must contain at least 10.5% chromium, which grants it corrosion resistance. Varieties like 440C balance hardness with rust resistance. More affordable options like 8Cr13MoV offer decent performance at a reduced cost, with lower carbon content and added elements like molybdenum and vanadium for toughness.
3. **Tool Steel (e.g., D2):** Tool steels like D2 are known for their hardness and ability to retain an edge due to high carbon (1.5%) and chromium (12%) content. They are less corrosion-resistant than stainless steel but offer exceptional wear resistance.
4. **High-End Alloys (e.g., S30V, S35VN):** These steels contain a higher amount of chromium for corrosion resistance and are augmented with elements like molybdenum, vanadium, and niobium. These additions provide a superior balance of hardness, toughness, and wear resistance, making them premium choices for high-quality folding knives.

Decoding the Chemical Composition

To truly appreciate the differences in steel types, one must consider the purpose of each element in the alloy:

- **Carbon (C):** Increases edge retention and hardness, but high amounts can reduce toughness.
- **Chromium (Cr):** Enhances corrosion resistance and contributes to the "stainless" quality of the steel.
- **Molybdenum (Mo):** Boosts strength and machinability, and improves hardenability.
- **Vanadium (V):** Provides grain refinement and contributes to wear resistance and toughness.
- **Nickel (Ni):** Offers increased toughness and corrosion resistance.
- **Manganese (Mn):** Improves hardenability and wear resistance.
- **Silicon (Si):** Generally added as a deoxidizer and improves strength.
- **Phosphorus (P) and Sulfur (S):** Often found in small amounts; can increase machinability but may decrease toughness.

Choosing the Right Steel



The ideal folding knife steel is a matter of context and use:

- **For Outdoor Enthusiasts:** A stainless steel like 440C or the more rugged S35VN can withstand the elements while offering a reliable cutting edge.
- **For Everyday Carry (EDC):** A well-rounded steel like 8Cr13MoV or AUS-8 offers a balance of sharpness, durability, and affordability.
- **For Work or Tactical Use:** Tool steels like D2 or premium alloys like S30V provide the toughness and edge retention needed for heavy-duty tasks.
- **For Collectors or Limited Use:** Carbon steel blades can offer superior sharpness and are often appreciated for their traditional appeal.



Maintenance Considerations

The choice of blade steel also dictates maintenance requirements. Stainless steels are generally more forgiving, requiring less upkeep, while carbon steels demand regular oiling and drying to prevent rust. Understanding a blade's needs will ensure it remains in optimal condition.



Conclusion

Like choosing the right wood for a carpenter's project, selecting the appropriate blade steel is fundamental for the function and longevity of a [folding knife](#). By understanding the various elements that go into knife steel and how they affect performance, one can make an educated decision tailored to their needs. Whether you prefer the low maintenance of stainless steel or the ruggedness of tool steel, knowledge of the chemical composition behind these materials will empower you to select a blade that will serve you faithfully in your endeavors.