

Precision-Crafted Elegance: The OEM Folding Pocket Knife SS-0805 by Shieldon

In the realm of cutting tools, the folding pocket knife is an indispensable companion for enthusiasts and professionals alike, embodying both function and form. [Shieldon Manufacturing & Trading](#) Combo is proud to introduce the OEM Folding Pocket Knife SS-0805, a testament to our unwavering commitment to quality and craftsmanship. This knife is not just a tool; it's a fusion of robust materials, ergonomic design, and sleek aesthetics. Let's explore the full spectrum of features that make the SS-0805 a standout addition to any collection or product lineup.

**Unveiling the SS-0805: A Synthesis of Durability and Design**

The SS-0805 is a folding knife that has been meticulously crafted to meet the demands of users who require both reliability and style. With a blade forged from 2Cr13 stainless steel, this knife offers a perfect balance of strength and flexibility. The aluminum handle provides a lightweight yet sturdy grip, designed to withstand the rigors of everyday use while maintaining an appealing silhouette.

Durable Blade for Lasting Sharpness

At the core of the SS-0805 lies its formidable blade, constructed from 2Cr13 stainless steel, known for its impressive balance of wear resistance and ease of sharpening. With a Rockwell Hardness (HRC) of 41-47, the blade is tough enough to handle a wide range of tasks while remaining ductile to resist chipping. The blade thickness of 1.8mm (0.071 inches) ensures stability during use, making the SS-0805 a reliable cutting instrument in various scenarios.

Compact Blade, Maximum Utility

The 63mm (2.48 inches) clip point blade is designed for precision and versatility. This style of blade is renowned for its pointed tip, which is ideal for piercing and detail work, while the expansive belly offers ample cutting edge for slicing tasks. The blackened blade finish not only provides an extra layer of corrosion resistance but also lends the knife a sleek, tactical appearance.



**Flat Grind: The Epitome of Sharpness**

With a flat grind, the SS-0805 is engineered for sharpness and ease of maintenance. This grind style is perfect for achieving a razor-sharp edge, ensuring clean, efficient cuts and enhanced edge geometry for a variety of cutting tasks.

Ergonomic Aluminum Handle: Comfort Meets Style

The handle of the SS-0805 is crafted from high-quality aluminum, chosen for its excellent strength-to-weight ratio. The 6.3mm (0.248-inch) handle thickness provides a substantial feel in the hand without adding unnecessary bulk. Available in colors of black, camo, and red, the handle can be customized to suit personal preference or brand identity, making the knife as aesthetically pleasing as it is practical.

Ease of Opening with Nail Mark

The nail mark on the blade provides a traditional and unobtrusive means of opening the knife. This feature is designed for users who appreciate simplicity and a no-fuss approach to their tools.

No Lock Mechanism: Classic and Uncomplicated

The SS-0805's design forgoes a locking mechanism, harking back to the classic pocket knives of yesteryear. This traditional approach emphasizes ease of use and maintenance, catering to users who prefer a straightforward, reliable blade that can be opened and closed with minimal effort.

Lightweight EDC Ready to Perform

Weighing in at just 69g (2.43 oz), this knife is light enough to carry all day, every day, without any inconvenience. The total length of 157mm (6.18 inches) when opened, and a compact form when closed, make the SS-0805 an ideal EDC (Everyday Carry) knife. Its unobtrusive weight and size do not detract from its utility, making it a versatile tool for a wide audience.

Tailored to Your Brand: OEM Customization with Shieldon

As a Manufacturing & Trading Combo, Shieldon specializes in OEM services, allowing you to customize the SS-0805 to align with your brand's ethos and customer's needs. With our low minimum order quantity (MOQ), even small businesses or individual entrepreneurs can access high-quality, custom-designed knives that stand out in the marketplace.





Stress-Free ODM Services

For those desiring a more hands-off approach, our ODM services offer the SS-0805 with a regular MOQ of just one. This allows for flexibility and ease without the commitment to large orders, perfect for testing the market or offering exclusive products.

Final Reflections: The Definitive Choice for Discerning Clients

The OEM Folding Pocket Knife SS-0805 is a culmination of Sheldon's dedication to providing superior tools that cater to a discerning clientele. Each knife is a harmony of robust construction, ergonomic design, and elegant aesthetics. Whether you're looking to expand your product range with a premium cutting tool or seeking a reliable addition to your personal collection, the SS-0805 stands ready to deliver performance and style.

Join forces with Sheldon to bring the vision of your ideal folding pocket knife to fruition, where every detail from the blade material to the handle color is a reflection of your brand's commitment to excellence. With Sheldon, you're not just sourcing a product; you're crafting an experience, ensuring that each fold of the knife and each cut it makes embodies the essence of quality and craftsmanship.

Understanding the Pivot: The Heart of Folding Knife Mechanics

Folding knives are marvels of engineering, compact and efficient, serving as versatile tools for an array of tasks. Central to their function is the pivot—a small but critical component that dictates the smoothness and reliability of the blade's opening and closing action. For those new to the world of folding knives or looking to deepen their understanding, knowing about the different kinds of pivots is essential. Let's explore the varieties of pivots and their unique characteristics, enhancing your knowledge and appreciation of this indispensable tool.



The Pivot: A Primer

The pivot of a folding knife is essentially the hinge around which the blade rotates when it's opened or closed. It's the point of connection between the blade and the handle and must be engineered to withstand repeated use while maintaining a balance between ease of movement and secure positioning. The choice of pivot type can greatly affect the knife's performance, ease of maintenance, and overall durability.

Types of Knife Pivots

There are several common types of pivots found in folding knives, each with its own set of attributes:

Traditional Pinned Pivots

Traditional pinned pivots are the oldest and simplest form. They consist of a solid pin that holds the blade and handle together. While sturdy and reliable, they typically require professional adjustment or repair because the pin is often peened (flattened or expanded) at the ends to keep it in place.

Screw Pivots

Screw pivots, or adjustable pivots, are more modern and user-friendly. They use a screw mechanism that allows for easier adjustment of the blade's tension without the need for professional servicing. This type of pivot is popular in many modern folding knives due to its ease of maintenance.

Ball Bearing Pivots

Ball bearing pivots are on the higher end of the spectrum, offering a smoother opening action with less friction. They utilize small ball bearings that encircle the pivot, reducing the direct contact between the blade and the handle. This results in a faster and more fluid movement, which is particularly favored in tactical and high-performance knives.



Washer Pivots

Washer pivots use flat washers made from various materials like bronze, Teflon, or nylon, which sit between the blade and handle. They provide a balance between smooth action and structural support. The type of washer material chosen can affect the feel of the blade's movement—bronze washers, for example, are known for their smooth action and durability.

Factors Affecting Pivot Performance

Pivot performance is influenced by several factors:

Material Quality

The durability and smoothness of a pivot hinge on the quality of the materials used. High-grade metals and alloys tend to offer better wear resistance and longevity.

Manufacturing Tolerance

The precision with which a pivot is made—its manufacturing tolerance—can significantly impact performance. Tighter tolerances reduce blade play (unwanted movement of the blade when it's open) and ensure a more consistent opening and closing action.

Maintenance

Regular maintenance is crucial for pivot longevity. This typically involves cleaning out dirt or debris and applying appropriate lubricants to reduce wear and maintain smooth action.

Design

The overall design of the knife, including the pivot, will affect how easy it is to open and close the blade. Considerations include the size of the pivot, the shape of the blade and handle, and the presence of other features like thumb studs or flipper tabs.

Choosing the Right Pivot for Your Knife

Selecting a folding knife with the right pivot type boils down to personal preference and intended use. If you desire a knife that's easy to maintain and adjust, a screw pivot might be your best bet. For those who prioritize a swift and smooth blade deployment, ball bearing pivots are often preferred. If you're looking for a reliable and traditional feel, you might opt for a pinned pivot, while washer pivots offer a balance between performance and simplicity.

Conclusion

The pivot may be a small component of a [folding knife](#), but it plays a pivotal role in the tool's overall functionality and user experience. Whether you're a collector, a daily user, or someone in the business of designing and manufacturing knives, understanding the various types of pivots and their implications on knife performance is invaluable. As you become more familiar with the nuances of folding knife design, you'll be better equipped to select or create knives that meet the exacting demands of their intended users. With this knowledge in hand, you can appreciate the engineering behind your folding knife every time you feel the satisfying click of the blade swinging into place.