

Golden Edge Precision: The OEM Key Knife SS-0803 by Shieldon

In the dynamic world of specialized cutting tools, the [OEM Key Knife](#) SS-0803 (golden) stands out as a testament to Shieldon's commitment to quality and versatility in design. Expertly crafted for those who demand precision in a compact form, this key knife combines the practicality of everyday carry with the finesse of a premium tool. This procurement description will navigate through the specifications that elevate the SS-0803 beyond a mere accessory, outlining the epitome of intricacy and reliability offered by Shieldon Manufacturing & Trading Combo.



Item Overview

The SS-0803 (golden) is an exemplar within the key knife segment, boasting a blade and handle constructed from high-grade 3Cr13 stainless steel. Known for its exceptional balance of strength and corrosion resistance, 3Cr13 material ensures the SS-0803's longevity and consistent performance under various conditions. This key knife not only promises durability but also presents itself with an air of elegance in its golden-hued handle, making it a luxurious addition to any keychain.

Blade Excellence

At the heart of the SS-0803 lies its meticulously crafted blade. The choice of 3Cr13 stainless steel offers a hard-wearing edge that maintains sharpness through repetitive use, reflected in its HRC (Hardness Rockwell C) score of 50-52. The blade's thickness of 1.5mm, or 0.059 inches, strikes an ideal balance between robustness and agility, allowing for precise cuts without the burden of unwieldy bulk.

Measuring 49mm, or 1.93 inches, the blade's length is purposely designed to handle daily tasks while complying with most knife-carry regulations. The clip point style of the blade offers versatility and is well-suited for piercing and slicing, making the SS-0803 a reliable companion for both outdoor enthusiasts and practical urbanites.

Handle Elegance

The handle is fashioned from the same 3Cr13 stainless steel as the blade, ensuring uniformity in quality and aesthetics. It boasts a stately golden color, delivering a look that is both striking and sophisticated. The choice of material guarantees that the elegance of the handle does not compromise its function, with a thickness of 6.1mm, or 0.24 inches, providing a solid and comfortable grip.



Dimensions and Weight

When fully extended, the SS-0803 reaches a total length of 125mm, or 4.92 inches, offering a balanced tool that sits comfortably in hand. The weight of the knife is a mere 32 grams, or 1.13 ounces, making it an imperceptible yet indispensable addition to your keyring.

Operational Mechanics

Tailored for ease of use, the SS-0803 does not feature a locking mechanism, thereby simplifying its design for quick access and deployment. The nail mark opening allows for swift and effortless blade engagement, ensuring that the tool is ready at a moment's notice.



Blade Finishing and Grinding

The blade boasts a satin finish, which not only contributes to its aesthetic appeal but also reduces the appearance of scratches, preserving the knife's sleek look over time. A flat grind has been employed on the blade, providing a sharp and precise edge that excels in cutting performance.

Customization and Availability



Shieldon takes pride in offering customization options to meet individual client needs. The SS-0803 is available for OEM (Original Equipment Manufacturer) service, allowing businesses to brand and personalize the knife as per their requirements. Additionally, Shieldon's flexible ODM (Original Design Manufacturer) policy ensures that even small-scale orders are possible, with a regular MOQ (Minimum Order Quantity) of just one unit, democratizing access to high-quality key knives.

Procurement Considerations

Businesses seeking to procure the SS-0803 will find Shieldon's Manufacturing & Trading Combo an ideal partner. Orders can be customized to specific requirements, and the combination of manufacturing and trade services streamlines the process from production to delivery. The procurement of this key knife also includes options for graphic design, packaging, and printing services, providing a comprehensive solution that saves time and reduces costs.

The Shieldon Quality Assurance

Shieldon's dedication to excellence is evident in every aspect of the SS-0803. Each key knife is subject to rigorous quality control measures to ensure it meets the high standards expected by customers. Shieldon's transparent communication and customer-centric approach make it a

trusted name in the industry, offering support throughout the procurement process and beyond.

Conclusion: The Unfolding of a Masterpiece

The OEM Key Knife SS-0803 (golden) is a perfect embodiment of Sheldon's expertise in creating tools that are both aesthetically pleasing and exceptionally functional. With its robust 3Cr13 blade and handle, practical design, and elegant finish, the SS-0803 is a standout product that promises to enhance the collection of any discerning buyer. As a trusted Manufacturing & Trading Combo, Sheldon offers a streamlined procurement process for this exquisite key knife, ensuring that quality, efficiency, and customer satisfaction remain at the forefront of every transaction. Whether for personalized gifting or enhancing a premium product line, the SS-0803 is an excellent choice that reflects the pinnacle of pocket knife craftsmanship.



Unlocking the Essentials: The Anatomy of a Key Knife

A key knife, often revered for its convenience and stealthy appearance, is a multifunctional tool that integrates a small blade within the body of what simulates a standard key. As its popularity surges among everyday carry (EDC) enthusiasts and practical gadget lovers alike, understanding the materials involved in the production of a key knife becomes increasingly important. Let's cut into the basic knowledge of what makes a key knife both durable and dependable.



Core Materials for Durability and Function

The choice of material in key knife production is paramount, as it dictates the durability, functionality, and overall longevity of the tool. Here are some of the prime materials commonly used in the crafting of a key knife:

1. **Stainless Steel:** Stainless steel is the backbone of key knife blades. It's favored for its resistance to corrosion and rust, making it an ideal choice for an item that will often be carried in pockets alongside metal keys. Varieties like 420HC, AUS-8, and 3Cr13 offer a balance between hardness and ease of sharpening, making them popular choices for key knife blades.

2. **High-Carbon Steel:** High-carbon steel is another option for blade material, known for its ability to maintain a sharp edge. However, it's more prone to rusting if not properly cared for, so it may require a protective coating or more frequent maintenance.
3. **Titanium:** While not as common due to its higher cost, titanium can be used for both the blade and body of a key knife. It's lighter than steel and just as strong, but it is typically reserved for higher-end models.
4. **Aluminum:** For the handle or body, aluminum is a lightweight yet sturdy option. It's often used to create a key-like shape that can be attached to a keychain without adding excessive weight.
5. **Plastic or Composite Materials:** Some key knives incorporate plastics or composite materials for the handle. These can include fiberglass, carbon fiber, or other reinforced polymers, which make for a light carry and can come in various colors for aesthetic purposes.

Blade Considerations

The blade is arguably the most critical component of a key knife, and its material directly affects performance. A key knife blade should offer:

- **Sharpness:** The ability to retain a sharp edge after repeated use.
- **Toughness:** Resistance to chipping or breaking under stress.
- **Corrosion Resistance:** The capacity to withstand moisture and resist rusting.



Handle Materials and Design

While the blade is central to the function, the handle is integral to the form. It must be comfortable to hold and maneuver while also being capable of withstanding the wear and tear of daily use. The handle of a key knife often mimics the pattern and design of a key to maintain its discreet nature and to seamlessly blend in on a keychain.

Manufacturing Process and Material Treatments

The manufacturing process also plays a significant role in the final quality of a key knife. Heat treatment, which involves heating and cooling the steel, can significantly improve the blade's hardness and durability. Additionally, coatings such as titanium nitride can be applied to both blade and handle to enhance corrosion resistance and reduce friction during cuts.

Material Pairing and Ergonomics

A well-designed key knife not only uses quality materials but also considers the pairing of these materials to achieve the best ergonomics and functionality. The weight distribution between the blade and handle should be balanced for ease of use. In some designs, a portion of the handle or blade may feature a cutout to reduce weight without sacrificing structural integrity.

Final Thoughts on Material Selection

The ideal key knife is a symphony of well-chosen materials coming together in a compact, efficient, and elegant tool. Whether it's the robustness of stainless steel, the lightweight nature of aluminum, or the advanced features of composite materials, the quality of a key knife hinges on the thoughtful selection and treatment of its components.





In the hands of a discerning user, a [key knife](#) made from the right materials is not just a blade but a reliable companion for daily adventures, a testament to the ingenious fusion of form and function. It stands as a beacon of utility and innovation, an essential addition to any EDC collection, and a slice of the craftsmanship that Sheldon Manufacturing & Trading Combo proudly offers.