

Introducing the draft description of the YC01, a Shieldon [Manufacturing & Trading](#) Combo innovation poised to redefine the folding knife category with its versatile opening mechanisms and 2023 design. The YC01 is more than just a knife; it's a multi-functional tool, designed with precision for the modern user who demands flexibility, reliability, and style.

Item NO.: YC01

The YC01 is the embodiment of cutting-edge craftsmanship, awaiting customization to meet the fine-tuned demands of its users. It stands as a testament to Shieldon's commitment to quality, functionality, and design innovation in the folding knife segment.

Item Segment: Folding Knife Draft

Envisioned as a draft concept, the YC01 is a template for excellence, allowing for various adaptations in its materials and mechanisms. This flexibility ensures that each knife can be tailored to the specific needs and preferences of our partners and their discerning clientele.

Blade Material: Pending



The blade material, set to be finalized based on partnership requirements, will offer a range of options from high carbon stainless steel for unparalleled edge retention and ease of sharpening to premium alloys for superior corrosion resistance and toughness.

Handle Material: Pending

The handle material will complement the chosen blade with options that could range from traditional wood offering a classic appeal, to modern composites such as G-10 or carbon fiber for durability and a contemporary look.

Size and Weight: Pending

The dimensions of the YC01 will be decided to provide an optimal balance between a comfortable in-hand feel and a practical presence in the pocket. The weight will be calibrated to provide a solid build without compromising on portability.

Blade Style: Clip Point

The YC01 features a clip point blade, a staple for its versatility. This style allows for a more controlled tip, enabling precision tasks, while the ample cutting edge makes for easy slicing. It is the ideal middle ground for both intricate work and everyday utility.



Handle Color: Pending

The color of the handle will be selected to match the aesthetic and functional needs of the target market, ranging from subdued tones for tactical users to vibrant colors for outdoor adventurers.

Pocket Clip: Tip-up

Offering a tip-up pocket clip configuration, the YC01 ensures a quick and seamless draw, catering to swift deployment requirements. This feature enhances the knife's practicality and user-friendliness.

Lock Mechanism: Pending

The lock mechanism could range from a sturdy frame lock for those who value strength and directness, to a sophisticated axis lock for quick ambidextrous operation, depending on the finalized product specifications.

Open Way: Flipper + Thumb Stud + Front Flipper

The YC01 boasts three open ways – a flipper, a thumb stud, and a front flipper. This triad of options ensures that the knife can be opened swiftly and comfortably, according to situational needs or personal preference, making it a truly ambidextrous tool.

Blade Finish: Pending

The blade finish will have options tailored to function and style, from a non-reflective matte for tactical use, to a high polish for those who desire a sleek appearance.

Blade Grind: Pending

The final blade grind, essential for defining the knife's cutting characteristics, will be selected from options such as a full flat grind for versatility or a hollow grind for fine cutting tasks.

Regular MOQ: Pending

The Minimum Order Quantity (MOQ) will be set in line with market demand, ensuring that partners can efficiently stock the YC01 based on their sales volume and distribution capabilities.



As an Original Design Manufacturer (ODM) draft, the YC01 represents a starting point – a canvas waiting for your brush. Shieldon Manufacturing & Trading Combo invites you to collaborate, to mold this draft into your ideal cutting companion. Whether destined for the pocket of an urban explorer or the pack of a wilderness guide, the YC01 is poised to become a staple in the folding knife market.

In conclusion, the YC01 is more than just a product; it's a promise of adaptability and quality. With its 2023 design and trio of opening methods, it stands ready to be customized to perfection. The details pending in material, size, color, and technical aspects of the YC01 are not oversights but opportunities for customization, ensuring that the final product is not just a knife but an extension of the user's intent and style. With Shieldon, the YC01 is set to become the benchmark for the next generation of folding knives.

Shieldon, The Forefront of The Cutlery Industry

Shieldon offering unparalleled OEM (Original Equipment Manufacturer) and ODM (Original Design Manufacturer) services for folding knives. With a wealth of experience in the intricate structures and mechanisms inherent in folding knife design, Shieldon's mastery over CAD (Computer-Aided Design) drawing and physical making is unrivaled. This expertise is the cornerstone of Shieldon's service, providing partners with the precision, innovation, and craftsmanship essential for crafting world-class folding knives.



A Legacy of Precision and Expertise

For years, Sheldon has cultivated a reputation for excellence in the realm of precision engineering and design. Our professional team possesses a deep understanding of the myriad structures and mechanisms that constitute a high-quality folding knife. From the initial concept to the final product, our design process is rooted in a meticulous attention to detail and a relentless pursuit of perfection.

Mastery Over Knife Mechanics

At Sheldon, we pride ourselves on our comprehensive knowledge of the various mechanical components that ensure a folding knife's functionality and durability. Our expertise extends to the most complex locking mechanisms, such as liner locks, frame locks, and axis locks, as well as intricate opening systems like thumb studs, flippers, and assisted opening technologies. We delve deeply into the anatomy of the knife, ensuring that every pivot, spring, and screw works in harmony to provide a seamless user experience.

Cutting-Edge CAD Drawing Services



Our CAD drawing services represent the fusion of traditional knife-making craftsmanship with modern technology. Sheldon's designers are virtuosos in using advanced software to bring concepts to virtual life, allowing for meticulous adjustments and refinements before any physical material is shaped. This process not only enhances the precision of our designs but also allows for a level of customization previously unattainable. Clients can see their ideas rendered in detailed 3D models, offering a tangible glimpse into the final product.

Physical Making: From Concept to Reality

The transition from a digital blueprint to a tangible object is where Sheldon's expertise truly shines. Our state-of-the-art manufacturing facilities are equipped with the latest technology, enabling us to transform CAD drawings into physical masterpieces. We employ a variety of techniques, including CNC machining, precision forging, and meticulous hand-finishing, ensuring that every knife meets our exacting standards.

Diverse Material Selection

Understanding that the choice of materials plays a critical role in the performance and aesthetic of a folding knife, Sheldon offers a vast selection of high-quality materials. Our partners can choose from an array of blade steels, ranging from time-tested high carbon varieties to modern super steels known for their edge retention and corrosion resistance. Handle materials



are just as varied, with options including traditional woods, modern synthetics, and advanced composites.

Customization at Its Core

The OEM/ODM services at Shieldon are built around the concept of customization. We recognize that each brand and knife enthusiast has unique preferences and requirements. Whether it's the tactile feel of the handle, the smoothness of the deployment, or the aesthetic of the blade finish, every aspect of the knife can be tailored to suit the specific needs and desires of our clients.

Quality Control and Assurance

Quality is the backbone of Shieldon's OEM/ODM service offering. Each project undergoes rigorous quality control measures at every stage of production. Our commitment to quality assurance means that we subject our knives to a battery of performance tests, ensuring that each product not only meets but exceeds industry standards and client expectations.

Collaborative Design Process



We take a collaborative approach to design, working closely with our clients to ensure that their vision is realized down to the smallest detail. Our team provides expert guidance, from the initial brainstorming sessions to the final approval of prototypes, fostering a creative environment where ideas can flourish.

Rapid Prototyping

Speed is essential in bringing a new knife to market, and Shieldon's rapid prototyping capabilities ensure that our clients can quickly move from design to launch. By creating detailed prototypes, we offer our partners the ability to physically handle their product, providing invaluable insights that can inform final production decisions.

Meeting Market Demands

Our OEM/ODM services are designed to be as flexible as the ever-evolving market demands. Shieldon is adept at scaling production to meet any order size, ensuring timely delivery whether for boutique brands or large-scale retail operations.

Global Reach, Personal Touch



While Shieldon has the capacity to serve the global market, we maintain a personal touch with our clients. We believe in building relationships that go beyond mere transactions, fostering partnerships that are rooted in mutual respect and shared passion for excellence in knife-making.

A Partner in Innovation

Shieldon is not just a service provider; we are innovators and collaborators, dedicated to pushing the boundaries of what a folding knife can be. Our [OEM/ODM services](#) are an invitation to embark on a creative journey, to explore the possibilities of design and function, and to create folding knives that are not only tools but also works of art.

In summary, Shieldon's OEM/ODM services offer an unmatched synergy of design prowess, material quality, manufacturing expertise, and client collaboration. With a professional understanding of intricate structures and folding knife mechanisms, from CAD drawing to physical making, Shieldon is the ideal partner for any brand looking to create a folding knife that stands out in the market. Our commitment to excellence ensures that every project is a testament to the enduring legacy of quality and innovation that Shieldon represents.

