

**Introducing the Exclusive ODM YC18A Folding Knife: A 2025 SHOT SHOW Marvel from Shieldon
Manufacturing & Trading Combo**

In the fiercely competitive landscape of [knife manufacturing](#), innovation and exclusivity are paramount. At Shieldon Manufacturing & Trading Combo, we are dedicated to delivering unique, high-quality products that set our clients apart. Introducing the YC18A folding knife, an exclusive in-house ODM model designed for the 2025 SHOT SHOW. This knife represents the pinnacle of our craftsmanship, offered exclusively to the first customer who orders it. This arrangement ensures that you own and sell a truly unique design, unavailable to any other brand.

**Key Specifications**

- **Item Number:** YC18A
- **Item Segment:** Folding Knife
- **Blade Material:** 7Cr17MoV Stainless Steel
- **Handle Material:** Micarta
- **Blade Hardness (HRC):** 56-58
- **Blade Thickness:** 0.118" (3mm)
- **Blade Length:** 3.03" (77mm)
- **Handle Thickness:** 0.472" (12mm)
- **Total Length:** 7.17" (182mm)
- **Weight:** 3 oz (85g)
- **Blade Style:** American Tanto
- **Handle Color:** Black
- **Pocket Clip:** Tip-up
- **Lock Mechanism:** Nested Liner Lock
- **Open Way:** Front Flipper
- **Blade Finish:** Black Titanium Coating + Stonewash
- **Blade Grind:** Flat
- **Regular MOQ:** 600
- **Remark:** Exclusive ODM in terms of steel and handle materials

Exclusive Designs for Discerning Brands

At Shieldon, we specialize in creating exclusive in-house designs that offer our clients a competitive edge. The YC18A folding knife is a testament to this dedication, providing the first customer who orders it with exclusive rights to own and sell this one-of-a-kind model. This exclusivity ensures that your brand stands out in the marketplace, offering a product that cannot be replicated by competitors.

Superior Craftsmanship and Premium Materials

High-Quality Blade



The YC18A features a blade crafted from **7Cr17MoV stainless steel**, renowned for its excellent balance of hardness and corrosion resistance. With a hardness rating of **56-58 HRC**, the blade is engineered to maintain sharpness and durability for a wide range of cutting tasks.

The **American tanto blade style** is known for its strong tip and exceptional piercing ability, making it ideal for tasks requiring precision and strength. This blade style is complemented by a **black titanium coating** combined with a **stonewash finish**, offering a striking aesthetic and enhanced resistance to scratches and wear.

The **flat grind** of the blade ensures a sharp and consistent edge, maximizing cutting efficiency while simplifying maintenance. With a thickness of **0.118" (3mm)** and a length of **3.03" (77mm)**, the blade is designed to deliver optimal performance and control.

Ergonomic Handle Design

The handle of the YC18A is constructed from **Micarta**, a high-strength composite material prized for its durability and superior grip, even in wet conditions. This ensures a comfortable and secure hold, critical for precision and safety during use.



The handle's **black color** adds a sleek, sophisticated look, making the YC18A an appealing choice for those seeking a blend of elegance and functionality. Its understated design enhances brand recognition and appeals to customers who value both form and function.

With a thickness of **0.472" (12mm)**, the handle is ergonomically shaped to provide comfort during extended use. The knife's overall weight of **3 oz (85g)** ensures ease of handling and portability, making it ideal for everyday carry.

Enhanced Safety and User Convenience

Reliable Locking Mechanism

Safety is paramount in the design of the YC18A. The knife features a **nested liner lock mechanism** that securely holds the blade in place when open, preventing accidental closure and ensuring user safety during operation.

Efficient Opening System

The YC18A is equipped with a **front flipper** for quick and smooth one-handed deployment. This innovative feature is particularly beneficial for users who require easy and swift access to their knife, whether for everyday tasks or in emergency situations.

Practical Pocket Clip

For added convenience, the YC18A includes a **tip-up pocket clip**, allowing the knife to be carried securely and accessed quickly. This feature is designed to meet the needs of users who demand readiness and reliability in their tools.

The Sheldon Advantage: Exclusive and Innovative

Choosing Sheldon as your ODM partner provides numerous advantages that extend beyond the product itself. Our commitment to exclusivity, innovation, and quality ensures that you receive a knife that is not only functional but also unique to your brand.

Exclusive Rights for Early Adopters

By being the first to secure the YC18A, you gain exclusive rights to a model that embodies cutting-edge design and superior functionality. This exclusivity enhances your product line and strengthens your brand's position as a leader in innovation and quality.



Tailored Solutions for Every Client

Our experience in OEM/ODM manufacturing allows us to offer tailored solutions that align with your specific needs and market demands. From material selection to branding and packaging, we collaborate with you to ensure that every aspect of your order meets your exact specifications.

Why Choose Shieldon?

Choosing Sheldon Manufacturing & Trading Combo means partnering with a team dedicated to excellence in every facet of knife production. Our commitment to quality, innovation, and customer satisfaction ensures that you receive a product that not only meets but exceeds your expectations.

Unmatched Expertise

With over 25 years of experience in the industry, Sheldon has the expertise needed to deliver products that are both high-quality and innovative. Our team of skilled designers and engineers is equipped to handle complex projects, ensuring that your vision is realized in every detail.

Commitment to Quality

Our rigorous quality control processes ensure that every knife produced meets our high standards. From initial design to final inspection, we are committed to delivering products that are reliable, durable, and built to last.

Conclusion: Secure Your Exclusive ODM YC18A Model Today

The **ODM YC18A folding knife** is more than just a tool; it is an exclusive design that represents the future of knife craftsmanship. With its superior materials, innovative design, and exclusive availability, it offers a unique opportunity for brands looking to set themselves apart.



Contact Shieldon Manufacturing & Trading Combo today to learn how you can secure the exclusive rights to this remarkable model. Together, we can create a product that not only meets your needs but also captivates your audience and positions your brand at the forefront of the industry.

Shieldon OEM/ODM Folding Knife Project Services: Expertise in Structure and Mechanism Design

In the world of folding knife manufacturing, precision, innovation, and a deep understanding of structures and mechanisms are paramount. Shieldon Manufacturing & Trading Combo has positioned itself as a leader in the industry with its unparalleled expertise in crafting high-quality folding knives. Our OEM (Original Equipment Manufacturer) and ODM (Original Design Manufacturer) services are built upon a foundation of

technical excellence in both CAD (Computer-Aided Design) drawings and physical knife creation. Whether you are looking to bring a new folding knife concept to market or enhance an existing design, Sheldon is your trusted partner for delivering exceptional results.



The Sheldon Advantage: Expertise in CAD and Mechanism Design

Advanced CAD Capabilities

At the core of our service offering is our proficiency in CAD technology. Sheldon's skilled team of designers and engineers leverage advanced CAD software to create detailed and precise 3D models of folding knives. This technology enables us to visualize every aspect of the knife's structure and mechanism before moving to the production phase.

Benefits of CAD in Folding Knife Design

1. **Precision and Accuracy:** CAD software allows for meticulous attention to detail, ensuring that every component fits perfectly. This precision is crucial in folding knives, where seamless operation and reliability are paramount.
2. **Design Flexibility:** With CAD, our designers can easily modify and iterate on designs, allowing for rapid prototyping and refinement. This flexibility enables us to explore various design options and mechanisms to meet specific client needs.
3. **Visualization and Simulation:** CAD models provide a realistic representation of the final product, allowing clients to visualize the knife and make informed decisions. Additionally, we use simulation tools to test the knife's functionality and durability under various conditions, identifying potential issues before production.



Mastery of Folding Knife Mechanisms

Our expertise extends beyond design into the intricate world of folding knife mechanisms. Understanding and mastering these mechanisms is essential to creating knives that are not only functional but also efficient and reliable.

Key Folding Knife Mechanisms

1. **Liner Locks:** One of the most popular mechanisms, liner locks provide a secure way to lock the blade open. Our mastery in designing liner locks ensures smooth operation and robust security, enhancing user safety and experience.
2. **Frame Locks:** Similar to liner locks, frame locks offer additional strength by integrating the handle into the locking mechanism. Sheldon's expertise in crafting frame locks results in sturdy and dependable knives that withstand rigorous use.
3. **Back Locks:** Known for their simplicity and reliability, back locks are favored for their strong locking action. Our knowledge of back locks allows us to design knives that are easy to use and maintain, catering to a wide range of users.
4. **Flipper and Thumb Studs:** These mechanisms facilitate easy one-handed opening, a feature highly valued by users. Our designs focus on ergonomics and ease of use, ensuring that opening and closing the knife is a seamless experience.

Comprehensive OEM/ODM Services

1. Conceptualization and Design

Shieldon's OEM/ODM services begin with a collaborative design process. Whether you have a complete vision or a rough idea, our team will work with you to develop a design that aligns with your brand and market goals.

- **Client Collaboration:** We value our clients' input and encourage active involvement throughout the design process. This collaboration ensures that the final product meets your expectations and market needs.
- **Creative Solutions:** Our designers bring creativity and innovation to each project, exploring unique design elements that enhance the knife's functionality and appeal.

2. Material Selection and Customization

Choosing the right materials is crucial to the performance and aesthetic of a folding knife. Sheldon offers a wide range of high-quality materials for blades and handles, including stainless steels, carbon steels, and advanced composites.

- **Material Expertise:** Our team guides clients through the material selection process, ensuring that the chosen materials meet the desired specifications for hardness, durability, and appearance.
- **Custom Features:** From blade finishes to handle textures, every aspect of the knife can be customized to reflect your brand's identity and market positioning.



3. Prototyping and Testing

Prototyping is a critical step in the development process, allowing for testing and refinement before full-scale production.

- **Functional Prototypes:** We produce prototypes that replicate the final product, enabling thorough testing of the knife's structure, mechanism, and overall performance.
- **Rigorous Testing:** Our testing protocols ensure that each knife meets our high standards for quality, safety, and functionality. This process identifies any potential issues and allows for adjustments before production.

4. Production and Quality Assurance

Shieldon's state-of-the-art manufacturing facilities and skilled workforce are dedicated to producing folding knives of the highest quality. Our production processes are optimized for efficiency and precision, delivering exceptional products on time and within budget.

- **Advanced Manufacturing Techniques:** We employ cutting-edge manufacturing techniques, ensuring precision and consistency across all products.
- **Comprehensive Quality Control:** Our rigorous quality assurance protocols involve thorough inspections at every stage of production, guaranteeing that each knife meets our stringent standards for performance and durability.

5. Branding and Packaging

Effective branding and packaging are essential for capturing consumer attention and enhancing brand recognition. Shieldon offers packaging design services that complement our manufacturing capabilities, providing a cohesive and attractive presentation for your products.

- **Custom Packaging Designs:** Our team develops packaging solutions that are both functional and visually appealing, ensuring your product makes a strong impression on the market.
- **Brand Identity Integration:** We incorporate your brand's identity into the packaging design, reinforcing brand recognition and loyalty among consumers.

Why Choose Shieldon for Your Folding Knife Project?

Expertise in Structure and Mechanism



Shieldon's deep understanding of folding knife structures and mechanisms sets us apart in the industry. Our proficiency in CAD design and physical making ensures that every knife we produce meets the highest standards of quality and innovation.

Commitment to Client Success

We are dedicated to creating products that not only meet your specifications but also set your brand apart in the competitive knife industry. Our collaborative approach and commitment to excellence ensure that your vision is realized in every detail.

Innovation and Flexibility

Our ability to adapt and innovate allows us to tackle complex projects and deliver unique solutions that align with your brand's goals. Whether you are introducing a new product line or enhancing an existing design, Shieldon is equipped to meet your needs with creativity and precision.

**Conclusion: Partner with Shieldon for Exceptional Folding Knives**

Shieldon Manufacturing & Trading Combo is your trusted partner for [OEM/ODM folding knife](#) projects. Our blend of expertise in structure and mechanism design, commitment to quality, and dedication to client success ensures that your vision is brought to life in a high-quality, exclusive product. Contact Shieldon today to explore how our services can elevate your next folding knife project. Together, we can create products that not only meet your specifications but also captivate your audience and elevate your brand.