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## Flozari M6

# Flozari 304 Stainless Steel OC Type M6 Turnbuckle Hook Instruction Manual

## 1. INTRODUCTION AND OVERVIEW

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This manual provides essential information and instructions for the Flozari 304 Stainless Steel OC Type M6 Turnbuckle Hook. This device is engineered for tensioning wire ropes, chains, and similar rigging applications, offering robust adjustability and secure fastening. Constructed from durable 304 stainless steel, it is designed for resistance to rust and corrosion, making it suitable for various indoor and outdoor environments.



Image 1.1: Assortment of Flozari 304 Stainless Steel OC Type Turnbuckle Hooks, showcasing their design and construction.

## 2. PRODUCT FEATURES

- **High Durability:** Manufactured from 304 stainless steel, ensuring high hardness, strong load-bearing capacity, and excellent resistance to rust and corrosion.
- **Versatile Applications:** Ideal for cable traction, tightening wire ropes, securing outdoor awnings, sunshade sails, and tent tensioners.
- **Easy Installation:** Designed for straightforward attachment and detachment, simplifying the setup process.
- **Adjustable Tension:** Features a dual-threaded body that allows for easy tightening of wire ropes and precise adjustment of length.
- **Long Service Life:** With proper maintenance, the turnbuckle is built to provide extended reliability.

## 3. SPECIFICATIONS

| Specification | Detail |
|---------------|--------|
|---------------|--------|

|                   |                                     |
|-------------------|-------------------------------------|
| Material          | 304 Stainless Steel                 |
| Type              | OC (One Eye, One Hook)              |
| Size (Model)      | M6                                  |
| Length (M6)       | Approximately 14.5 cm (5.71 inches) |
| Color             | Silver                              |
| Package Included  | 1 Piece                             |
| Item Weight       | 1.76 ounces (approximate)           |
| Assembly Required | No                                  |

## OC Type M6



Image 3.1: A single Flozari OC Type M6 Turnbuckle Hook with its approximate length dimension indicated.

### 4. SETUP AND INSTALLATION

The Flozari Turnbuckle Hook is designed for straightforward setup. Follow these steps for proper installation:

1. **Identify Connection Points:** Determine the two points that require tensioning or connection.
2. **Attach First End:** Securely attach one end of the turnbuckle (either the eye or the hook) to your initial anchor point or cable. Ensure the connection is robust and appropriate for the intended load.

3. **Attach Second End:** Connect the other end of the turnbuckle to the corresponding cable or second anchor point.
4. **Initial Adjustment:** Before applying full load, rotate the central body of the turnbuckle to achieve a preliminary tension. This will shorten or lengthen the overall device.
5. **Verify Security:** Double-check that both ends are firmly attached and that the turnbuckle threads are engaged correctly.

No assembly of the turnbuckle itself is required as it comes as a single unit.

## 5. OPERATING INSTRUCTIONS

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The primary function of the turnbuckle is to adjust tension in a rigging system. To operate:

1. **Tensioning:** To increase tension, rotate the central body of the turnbuckle in the direction that causes the threaded rods to retract into the body, thereby shortening the overall length.
2. **Loosening:** To decrease tension, rotate the central body in the opposite direction, causing the threaded rods to extend and lengthen the device.
3. **Precise Adjustment:** The dual-threaded design allows for fine-tuning of tension. Make small rotations and check the tension until the desired level is achieved.



Image 5.1: A close-up view of Flozari OC Type Turnbuckle Hooks, illustrating the threaded rods and central body mechanism for tension adjustment.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your Flozari Turnbuckle Hook:

- **Regular Inspection:** Periodically inspect the turnbuckle for any signs of wear, damage, deformation, or excessive corrosion. Pay close attention to the threads, hooks, and eyes.
- **Cleaning:** Clean the turnbuckle with a mild detergent and water as needed, especially after exposure to harsh environments (e.g., saltwater). Rinse thoroughly and dry.
- **Lubrication:** To facilitate easier adjustment and extend the service life of the threads, it is highly recommended to lubricate the threaded rods before initial use and periodically thereafter. Use a suitable marine-grade grease or lubricant for stainless steel.
- **Storage:** When not in use, store the turnbuckle in a clean, dry environment to prevent unnecessary exposure to elements.

## 7. TROUBLESHOOTING

While the Flozari Turnbuckle Hook is designed for reliability, minor issues may arise:

- **Difficulty in Adjustment:** If the turnbuckle is stiff or difficult to rotate, check if the threads are clean and free of debris. Apply lubrication as described in the Maintenance section.
- **Visible Damage:** If you observe any cracks, bends, significant wear, or corrosion on any part of the turnbuckle, discontinue use immediately. A damaged turnbuckle can fail under load.
- **Inadequate Tension:** Ensure the turnbuckle is correctly sized for the application and that the threads are fully engaged. If the turnbuckle reaches its maximum adjustment length without achieving desired tension, a longer turnbuckle or different rigging setup may be required.

## 8. SAFETY INFORMATION

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Adhering to safety guidelines is crucial when working with rigging hardware:

- **Working Load Limit (WLL):** Always ensure that the turnbuckle's working load limit is appropriate for or exceeds the maximum anticipated load of your application. Never exceed the WLL.
- **Regular Inspection:** Before each use, visually inspect the turnbuckle and all connected components for any signs of damage, wear, or fatigue.
- **Proper Installation:** Ensure all connections are secure and correctly made. Improper installation can lead to failure.
- **Avoid Shock Loading:** Do not subject the turnbuckle to sudden or shock loads, as this can significantly reduce its strength and lead to premature failure.
- **Environmental Factors:** Be aware that extreme temperatures, corrosive environments, and prolonged exposure to UV radiation can affect the material properties over time.

## 9. WARRANTY AND SUPPORT

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For product support, warranty information, or any inquiries regarding your Flozari 304 Stainless Steel OC Type M6 Turnbuckle Hook, please refer to the seller's contact information provided at the time of purchase or contact Flozari customer service through your original purchase channel.