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# Generic XYWHPGV Star Shaped Head Screw Clamping Knob M10 Instruction Manual

## 1. PRODUCT OVERVIEW

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The XYWHPGV Star Shaped Head Screw Clamping Knob is designed as a reliable replacement component for various applications. Its threaded design ensures easy installation, while the star-shaped head provides a comfortable and secure grip for manual operation. This knob is widely utilized in mechanical equipment, instruments, appliances, and within the food and industrial sectors.



Image 1.1: Overview of the XYWHPGV Star Shaped Head Screw Clamping Knob, showing the black star-shaped head and the M10 male thread with a washer and small screw at the end.

## 2. PRODUCT FEATURES

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- **Product Name:** Clamping Knob
- **Type:** Screw On
- **Total Height:** 58 mm / 2.28 inches
- **Material:** Plastic (head), Metal (thread)
- **Color:** Black (head), Silver Tone (thread)
- **Net Weight:** 49g

- **Head Size:** 38 x 22mm / 1.5" x 0.87" (Diameter\*Height)
- **Thread Size:** M10 x 28mm / 0.4" x 1.1" (Diameter\*Length)
- **Plate Diameter:** 25mm / 1"



Image 2.1: Detailed view of the clamping knob, highlighting the star-shaped grip and the M10 threaded shaft.

### 3. SPECIFICATIONS

Attribute	Value
Manufacturer	XYZOOM
Part Number	dfafb6b8-ea2e-9bac0be9aabb6a
Item Model Number	f7c26bd04b353f21deb13db5589fe0
Size	Large
Color	Multiple Colors (Black for knob head)
Style	Manual
Material	Plastic, Metal

Attribute	Value
Power Source	Manual
Number Of Pieces	1
Installation Method	Click (Screw-on)
Special Features	Portable, Quiet

## 4. SETUP AND INSTALLATION

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- 1. Identify Thread:** Ensure the receiving component has an M10 internal thread compatible with the knob's M10 male thread.
- 2. Align and Insert:** Carefully align the threaded shaft of the clamping knob with the corresponding threaded hole on your equipment or fixture.
- 3. Screw On:** Turn the star-shaped head clockwise to screw the knob into place. Continue turning until the knob is securely fastened and provides the desired clamping force.
- 4. Check Stability:** After installation, verify that the knob is tight and the clamped components are stable.

No special tools are typically required for installation due to the manual screw-on design.

## 5. OPERATING INSTRUCTIONS

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The XYWHPGV Star Shaped Head Screw Clamping Knob is designed for manual clamping and adjustment. To operate:

- 1. To Tighten:** Grip the star-shaped head firmly and rotate it clockwise. Apply sufficient force to achieve the required clamping pressure without overtightening, which could damage the threads or the clamped material.
- 2. To Loosen:** Grip the star-shaped head firmly and rotate it counter-clockwise. Continue turning until the desired component is released or adjusted.

The ergonomic star shape provides a comfortable grip for efficient manual operation.

## 6. MAINTENANCE

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This clamping knob requires minimal maintenance to ensure long-lasting performance:

- **Cleaning:** Wipe the knob periodically with a clean, dry cloth to remove dust, dirt, or debris. For stubborn grime, a slightly damp cloth can be used, followed by drying.
- **Inspection:** Regularly inspect the threads for any signs of wear, damage, or corrosion. Check the plastic head for cracks or excessive wear.
- **Lubrication (Optional):** If the threads become stiff or difficult to turn, a small amount of appropriate lubricant (e.g., silicone grease or light machine oil) can be applied to the male thread to facilitate smoother operation. Avoid over-lubrication.
- **Storage:** Store the knob in a clean, dry environment when not in use to prevent corrosion of the metal components.

## 7. TROUBLESHOOTING

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- **Knob is difficult to turn:**

- Check for debris or foreign objects in the threads. Clean if necessary.
- Ensure the threads are not cross-threaded. If so, unscrew, realign, and re-thread carefully.
- Apply a small amount of lubricant to the threads.

- **Knob does not hold securely:**

- Ensure the knob is fully tightened.
- Inspect the threads on both the knob and the receiving component for wear or damage. Worn threads may require replacement of the knob or the receiving part.
- Verify that the M10 thread size is correct for the application.

- **Plastic head is damaged:**

- If the plastic head is cracked or broken, the knob should be replaced to ensure safe and effective operation.

## 8. WARRANTY AND SUPPORT

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This product is manufactured by XYZOOM. For specific warranty information or technical support, please refer to the documentation provided at the point of purchase or contact your retailer. General inquiries regarding product specifications can be directed to the manufacturer.