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> [VASNKY BB0404 One-Touch Threaded Fitting Instruction Manual](#)

VASNKY BB0404

VASNKY BB0404 One-Touch Threaded Fitting Instruction Manual

Model: BB0404

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the VASNKY BB0404 One-Touch Threaded Fitting. Please read this manual thoroughly before use to ensure safe and efficient application of the product.

2. PRODUCT OVERVIEW

The VASNKY BB0404 is a high-quality one-touch threaded fitting designed for reliable connections in pneumatic and hydraulic systems. It features nickel-plated materials for durability and clear threading for secure installation. This specific model is a BB0404 type, suitable for various connection requirements.



Figure 2.1: Various VASNKY threaded fitting types.



Various Models And Specifications

Pressure Resistant

Preservative

Figure 2.2: Overview of VASNKY fitting models and their robust features.

3. SPECIFICATIONS

The VASNKY BB0404 fitting is engineered to meet specific performance requirements:

- **Model:** BB0404
- **Operating Pressure Range:** 0 to 1.0 MPa (0 to 10 kgf/cm²)
- **Negative Pressure:** -750 mmHg (10 Torr)
- **Proof Pressure:** 3.0 MPa
- **Ambient and Fluid Temperature:** 0°C to 150°C
- **Material:** Selected Nickel Plated Materials
- **Weight:** Approximately 50 grams (1.76 ounces)
- **Approximate Package Dimensions:** 1.18 x 0.79 x 0.39 inches

BB0404



**Applicable
pressure range:**

0-1 Mpa

Figure 3.1: BB0404 fitting with thread size and pressure range details.

4. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of the VASNKY BB0404 fitting:

1. **Preparation:** Ensure that the system is depressurized and free of contaminants. Verify that the mating threads are clean and compatible with the fitting's PT1/2 thread size.
2. **Thread Application:** Apply an appropriate thread sealant (e.g., PTFE tape or liquid sealant) to the male threads of the fitting to ensure a leak-free connection.
3. **Connection:** Carefully thread the fitting into the desired port. Hand-tighten first, then use a wrench to tighten to the recommended torque. Avoid over-tightening, which can damage threads or the fitting.
4. **Tube Insertion (if applicable):** For one-touch connections, ensure the tube end is cut squarely and free of burrs. Push the tube firmly into the fitting until it bottoms out. A slight tug will confirm a secure connection.
5. **Leak Check:** After installation, slowly pressurize the system and check all connections for leaks using a suitable leak detection solution.



Figure 4.1: Illustration of different thread types for connection.

Selected Nickel Plated Materials Thread Clear Exquisite Appearance

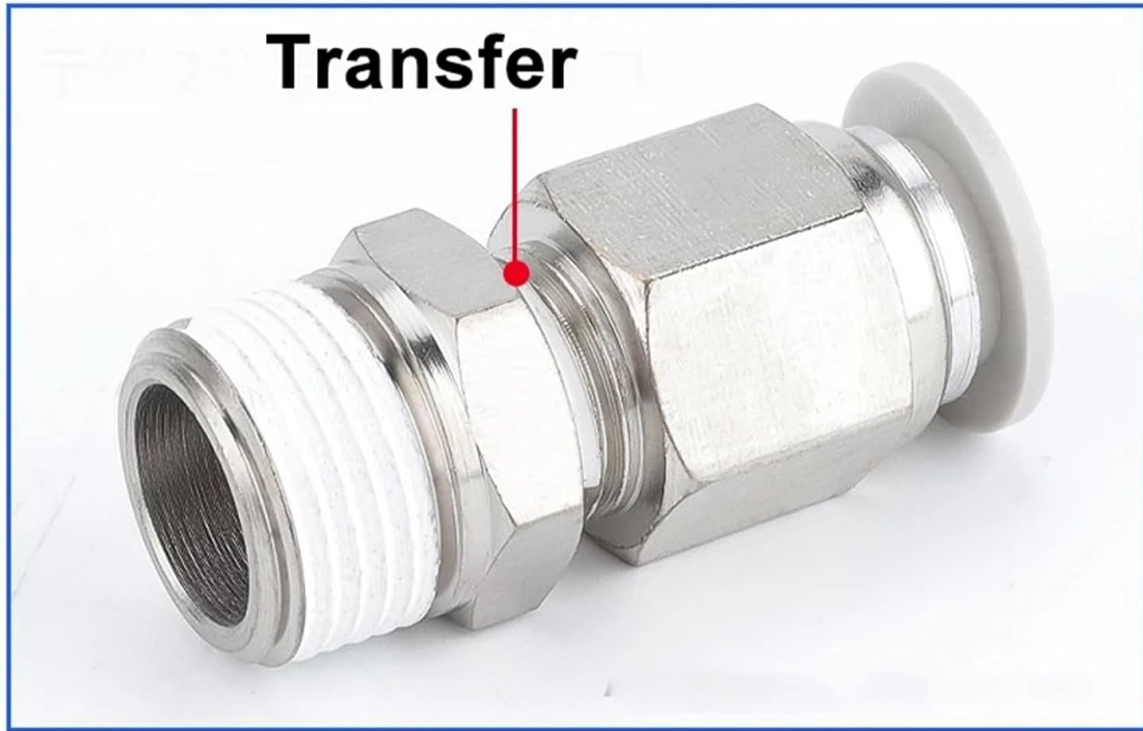


Figure 4.2: Detail of fitting threads and material quality for secure connections.

**Thread Size Can
Be Converted**



Figure 4.3: Example of fitting installation with an AirTAC valve, illustrating thread compatibility.

5. OPERATION

The VASNKY BB0404 is a passive component designed to create a secure, leak-free connection within a pneumatic or hydraulic system. Once properly installed, it facilitates the flow of fluid or air without requiring active operation. Ensure that the system's operating pressure and temperature remain within the specified limits to prevent damage or failure.



Figure 5.1: An assembled system demonstrating the integration of a threaded fitting.

6. MAINTENANCE

Minimal maintenance is required for the VASNKY BB0404 fitting:

- **Regular Inspection:** Periodically inspect fittings for any signs of wear, corrosion, or damage. Check for leaks, especially at connection points.
- **Cleaning:** If necessary, clean the exterior of the fitting with a mild detergent and water. Avoid abrasive cleaners or solvents that could damage the nickel plating.
- **Replacement:** If a fitting shows signs of damage, leakage, or degradation, it should be replaced immediately to maintain system integrity and safety.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------------|--|--|
| Leakage at threaded connection | <ul style="list-style-type: none"> • Insufficient thread sealant • Damaged threads • Improper tightening torque | <ul style="list-style-type: none"> • Reapply thread sealant and retighten • Inspect threads for damage; replace fitting if necessary • Ensure proper tightening |
| Tube not holding in one-touch fitting | <ul style="list-style-type: none"> • Tube end not cut squarely • Tube not fully inserted • Damaged gripping mechanism | <ul style="list-style-type: none"> • Recut tube end cleanly • Push tube firmly until it bottoms out • Replace fitting |

| Problem | Possible Cause | Solution |
|-----------------------|---|--|
| Reduced flow/pressure | <ul style="list-style-type: none">• Obstruction in fitting• System pressure outside specifications | <ul style="list-style-type: none">• Inspect and clear obstruction (if safe)• Verify system pressure is within operating range |

8. SAFETY INFORMATION

- Always depressurize the system before installing, removing, or maintaining fittings.
- Wear appropriate personal protective equipment (PPE) when working with pressurized systems.
- Ensure all components are compatible with the fluid/gas being used and the operating conditions (pressure, temperature).
- Do not exceed the maximum operating pressure or temperature specified for the fitting.
- Keep fittings clean and free from debris to prevent system contamination.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your VASNKY BB0404 One-Touch Threaded Fitting, please refer to the product packaging or contact VASNKY customer service directly. Specific warranty terms and support contact details are typically provided with the product at the time of purchase.