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Hyper Tough HT3101-130

Hyper Tough Keyed Entry Tulip Style Doorknob Instruction Manual

Model: HT3101-130

1. PRODUCT OVERVIEW

The Hyper Tough Keyed Entry Tulip Style Doorknob is designed for secure and convenient access control for residential and light commercial applications. Its modern design complements various interior and exterior styles, providing both functionality and aesthetic appeal.

Key Features:

- Keyed entry for enhanced security.
- Includes 2 keys for immediate use.
- Reversible design allows installation on both left or right-handed doors.
- Compatible with most standard doors ranging from 1-3/8" to 1-3/4" thick.
- Adjustable latch mechanism accommodates 2-3/8" or 2-3/4" backsets.
- Constructed from durable Stainless Steel with a polished finish.
- ANSI Grade 3 standard for residential security.

2. SETUP AND INSTALLATION

Installation of the Hyper Tough Keyed Entry Tulip Style Doorknob is designed to be straightforward, requiring only a screwdriver. Follow these general steps for proper installation:

1. **Prepare the Door:** Ensure your door has the correct bore holes and backset. The adjustable latch fits 2-3/8" or 2-3/4" backsets.
2. **Install the Latch:** Insert the latch mechanism into the edge of the door and secure it with screws. Ensure the latch bolt faces the correct direction for your door swing.

3. **Install the Exterior Knob:** Place the exterior doorknob assembly through the bore hole, ensuring the spindle aligns with the latch mechanism.
4. **Install the Interior Knob:** Attach the interior doorknob assembly, aligning it with the exterior knob and latch. Secure the two halves together using the provided screws.
5. **Test Operation:** After installation, test the doorknob's operation from both sides, ensuring the latch retracts smoothly and the locking mechanism functions correctly with both the key and the thumb turn.



Figure 2.1: The Hyper Tough Keyed Entry Tulip Style Doorknob shown installed on a wooden door, illustrating the exterior knob with its keyhole and the latch mechanism engaged with the door frame. This view highlights the complete assembly in a functional setting.



Figure 2.2: A close-up front view of the Hyper Tough Keyed Entry Tulip Style Doorknob, featuring the keyhole prominently. This image demonstrates the sleek, polished stainless steel finish and the classic tulip shape.



Figure 2.3: The interior side of the Hyper Tough Keyed Entry Tulip Style Doorknob, displaying the thumb turn mechanism used for locking and unlocking from inside. This view highlights the ease of operation for interior users.

3. OPERATING INSTRUCTIONS

The Hyper Tough Keyed Entry Tulip Style Doorknob provides secure locking and easy access. Understanding its operation ensures proper use and longevity.

- **Unlocking from Exterior:** Insert the provided key into the keyhole on the exterior knob. Turn the key to unlock the mechanism, then turn the doorknob to open the door. Remove the key after unlocking.
- **Locking from Exterior:** Insert the key into the keyhole and turn it to engage the lock. Remove the key. The exterior knob will now be fixed, preventing entry without a key.
- **Unlocking from Interior:** Rotate the thumb turn on the interior knob to the unlocked position. The interior knob will then be free to turn, allowing the door to open.
- **Locking from Interior:** Rotate the thumb turn on the interior knob to the locked position. This will secure the door, preventing entry from the exterior without a key.
- **Opening Unlocked Door:** When the doorknob is unlocked (either by key or thumb turn), simply turn the knob from either side to retract the latch and open the door.

4. MAINTENANCE

Proper maintenance helps ensure the smooth operation and extends the lifespan of your doorknob. This doorknob is designed for low maintenance.

- **Cleaning:** Clean the doorknob regularly with a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish. For stubborn spots, a mild soap solution can be used, followed by wiping dry.
- **Lubrication:** If the key mechanism or latch begins to feel stiff, a small amount of graphite lubricant (specifically designed for locks) can be applied to the keyway and latch bolt. Do not use oil-based lubricants as they can attract dirt and dust.
- **Check Screws:** Periodically check the mounting screws for tightness. Loose screws can affect the doorknob's stability and operation. Tighten them gently with a screwdriver if necessary.

5. TROUBLESHOOTING

If you encounter issues with your Hyper Tough Keyed Entry Tulip Style Doorknob, refer to the following common problems and solutions:

- **Doorknob is Stiff or Hard to Turn:**
 - Check if the mounting screws are overtightened. Loosen them slightly if needed.
 - Apply graphite lubricant to the keyway and latch bolt.
 - Ensure the latch mechanism is properly aligned with the strike plate on the door frame.
- **Key Does Not Turn or Is Difficult to Insert:**
 - Ensure you are using the correct key.
 - Check for any debris or foreign objects in the keyway. Use compressed air to clear if necessary.
 - Apply graphite lubricant to the key and insert it into the keyway, wiggling gently.

- **Latch Does Not Retract Fully or Door Does Not Close Properly:**

- Verify that the latch mechanism is installed correctly and not binding.
- Check the alignment of the strike plate on the door frame. It may need to be adjusted.
- Ensure the door itself is not warped or sagging, which can affect alignment.

- **Doorknob is Loose:**

- Tighten the mounting screws that connect the interior and exterior knob assemblies.

6. SPECIFICATIONS

Detailed specifications for the Hyper Tough Keyed Entry Tulip Style Doorknob:

Feature	Detail
Model Number	HT3101-130
Type	Keyed Entry Tulip Style Doorknob
Material	Stainless Steel
Finish	Polished
Color	Silver
Style	Modern
Door Thickness Compatibility	1-3/8" to 1-3/4"
Backset Compatibility	Adjustable for 2-3/8" or 2-3/4"
ANSI Standard	Grade 3
Included Components	Knob, Screws, Screwdriver, 2 Keys
Item Weight	553 g

7. WARRANTY AND SUPPORT

Specific warranty details and direct support contact information are not provided within this manual. For warranty claims, technical support, or replacement parts, please refer to the product packaging or contact Hyper Tough customer service through their official website or the retailer where the product was purchased.

Always retain your proof of purchase for any warranty-related inquiries.

