

Yato YT-0400

Yato YT-0400 40-Piece Hex, Torx, and Spline Bit Set Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Yato YT-0400 40-Piece Special Key Set. This set includes a comprehensive range of Hex, Torx, and Spline bits designed for professional applications. Please read this manual thoroughly before using the product and retain it for future reference.

PRODUCT OVERVIEW

The Yato YT-0400 set is a professional collection of 40 screwdriver bits and adapters, crafted from high-quality S2 tool steel. It is designed for unscrewing and tightening special fasteners, including Hex, Torx, and Spline types, commonly found in automotive, machinery, and general repair tasks.

- **Bit Types:** Hex, Torx, Spline.
- **Bit Lengths:** Two standard lengths, 30 mm and 75 mm, for versatility.
- **Adapters:** Includes 10 mm hexagon key wrench adapters for 1/2" and 3/8" drives.
- **Material:** Constructed from AISI S2 Stainless Steel, known for its high hardness (HRC 58-62), uniform fine-grained structure, torsional resistance, and excellent hardening properties.
- **Torque Capacity:** Designed to withstand high tightening torque, up to 21.8 Nm.



Image Description: A top-down view of the Yato YT-0400 40-piece bit set neatly organized within its black plastic storage case. The case contains rows of various silver-colored Hex, Torx, and Spline bits of different lengths, along with two

socket adapters. The bits are arranged in a systematic manner, showcasing the comprehensive nature of the set.

SETUP

1. **Unpacking:** Carefully remove the bit set from its packaging. Inspect all components for any signs of damage.
2. **Familiarization:** Identify the different types and sizes of Hex, Torx, and Spline bits. Note the two available lengths (30mm and 75mm) and the 10mm hex drive adapters for 1/2" and 3/8" square drives.
3. **Storage:** The provided case is designed for organized storage. Always return bits to their designated slots after use to prevent loss and ensure easy identification.

OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective operation:

1. **Select the Correct Bit:** Always choose the bit that precisely matches the fastener head (Hex, Torx, or Spline) and its size. Using an incorrect size or type can damage both the fastener and the bit.
2. **Choose Appropriate Length:** Use the 30mm bits for standard applications and the 75mm bits for fasteners located in recessed or hard-to-reach areas.
3. **Attach to Drive Tool:** Insert the selected bit into the appropriate 10mm hex drive adapter (1/2" or 3/8"), then attach the adapter to a compatible ratchet, torque wrench, or other drive tool. Ensure the bit is securely seated.
4. **Apply Even Pressure:** When tightening or loosening fasteners, apply steady, even pressure to prevent the bit from camming out or stripping the fastener head.
5. **Avoid Over-Torquing:** Do not exceed the recommended torque specifications for the fastener or the bit. Excessive force can lead to bit breakage or fastener damage.
6. **Safety Precautions:** Always wear appropriate personal protective equipment, such as safety glasses, when working with tools.

MAINTENANCE

- **Cleaning:** After each use, wipe down bits with a clean, dry cloth to remove dirt, grease, or debris. For stubborn grime, a mild solvent can be used, ensuring bits are thoroughly dried afterward.
- **Inspection:** Regularly inspect bits for signs of wear, damage, or corrosion. Replace any damaged or worn bits to maintain optimal performance and prevent damage to fasteners.
- **Lubrication:** A light coat of rust-preventative oil can be applied to bits, especially if storing in humid conditions, to prevent corrosion.
- **Storage:** Store the bit set in its original case in a dry, clean environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues while using the Yato YT-0400 bit set, consider the following:

- **Bit Slipping/Stripping Fastener:**
 - Ensure the correct bit type and size is selected for the fastener.
 - Verify the bit is fully seated in the fastener head.

- Apply firm, consistent pressure while turning.
- Inspect the bit for wear; a worn bit may not grip properly.
- **Bit Breakage:**
 - Avoid excessive torque beyond the bit's capacity.
 - Ensure the bit is not being used at an angle, which can cause undue stress.
 - Check for pre-existing damage or fatigue in the bit.
- **Difficulty Removing Bit from Adapter:**
 - Ensure the adapter's retaining mechanism (if any) is fully disengaged.
 - Clean any debris or rust that might be causing friction.

SPECIFICATIONS

Feature	Detail
Brand	Yato
Model Number	YT-0400
Number of Pieces	40
Material	AISI S2 Stainless Steel, Alloy Steel
Hardness	HRC 58-62
Max Tightening Torque	21.8 Nm
Bit Lengths	30 mm, 75 mm
Drive Bit Shank Style	Standard (10mm Hex)
Compatible Drive Sizes	1/2", 3/8" (with adapters)
Head Styles	Hex, Torx, Spline
Item Weight	4 pounds

WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding the Yato YT-0400 Special Key Set, please refer to the official Yato website or contact your authorized Yato dealer. Keep your proof of purchase for any warranty claims.

Related Documents - YT-0400



Comprehensive operating manual for the YATO YT-09201 pneumatic stitching machine, covering safety, technical data, operation, maintenance, and troubleshooting.



Instrukcja obsługi dla szlifierek stołowych marki YATO, modele YT-822100, YT-822103, YT-822107, YT-822110, YT-822112. Zawiera informacje o bezpieczeństwie, obsłudze, montażu i konserwacji.



Oryginalna instrukcja obsługi dla akumulatorowej szlifierki kątovej YATO YT-828293, YT-828294, YT-828295. Zawiera szczegółowe informacje dotyczące bezpieczeństwa, użytkowania, konserwacji oraz dane techniczne.



Instrukcja obsługi dla pilarki łańcuchowej YATO YT-828135 i YT-828136. Zawiera informacje o charakterystyce produktu, danych technicznych, instrukcjach bezpieczeństwa, obsłudze i konserwacji.



User manual for the YATO YT-73081 Digital Universal Multimeter. Learn about its features, technical specifications, safety instructions, and measurement procedures for accurate electrical testing.



CE Zgodnie z polskimi przepisami unijnymi należy dobrać poziom do 214 dBm (maksymalną) obsługi.

Comprehensive user manual for the YATO Cordless Chainsaw models YT-828137 and YT-828138. This guide provides detailed instructions on operation, safety precautions, maintenance, and technical specifications for effective and safe use of the chainsaw.