

KTC BE3-5P

KTC BE3-5P 9.5sq. Joint Luxury 5 Piece Set Instruction Manual

Model: BE3-5P

1. INTRODUCTION

Thank you for choosing the KTC BE3-5P 9.5sq. Joint Luxury 5 Piece Set. This manual provides essential information for the safe and effective use of your new tool set. Please read these instructions carefully before use and retain them for future reference.

This set includes three KTC Extension Bars, one Universal Joint (BJ3), and one Quick Spinner (BE3-Q), designed to enhance the versatility and efficiency of your 9.5sq. (3/8 inch square drive) socket wrench system.

2. PRODUCT COMPONENTS

The KTC BE3-5P set consists of the following five high-quality components:

- **BE3-050 Extension Bar:** Total length 50 mm (2.0 inches)
 - **BE3-075 Extension Bar:** Total length 75 mm (3.0 inches)
 - **BE3-150 Extension Bar:** Total length 150 mm (5.9 inches)
 - **BJ3 Universal Joint:** Total length 45 mm (1.8 inches)
 - **BE3-Q Quick Spinner:** Grip part width 36 mm (1.4 inches), Grip thickness 10 mm (0.4 inches), Total length 31 mm (1.2 inches)
-



This image displays all five components included in the KTC BE3-5P 9.5sq. Joint Luxury 5 Piece Set: three extension bars of varying lengths, one universal joint, and one quick spinner.

3. SETUP AND USAGE INSTRUCTIONS

Proper setup and use are crucial for safety and optimal performance. Always ensure components are securely connected before applying force.

3.1. Extension Bars (BE3-050, BE3-075, BE3-150)

Extension bars are used to extend the reach of your socket wrench, allowing access to fasteners in deep or obstructed areas.

- **Connection:** Insert the square drive end of the extension bar completely into the socket or ratchet. Ensure a firm connection.
- **Warning:** Do not connect and use more than two extension bars simultaneously. Using more than two can lead to excessive leverage, potential bending, or breakage of the tools.

3.2. Universal Joint (BJ3)

The universal joint provides flexibility, allowing you to turn fasteners at an angle when direct access is not possible.

- **Connection:** Connect the universal joint between your ratchet/extension bar and the socket. Ensure the square drives are fully inserted into the base of the joint.
- **Operation:** The joint allows for approximately 90 degrees of angular movement.

- **Warning:** The joint part is vulnerable to impact and twisting. Be careful not to apply excessive force, especially when working at extreme angles, as this can cause damage to the joint.



• **BR3E(別売)使用イメージ**

This image shows a hand using a ratchet wrench with a KTC extension bar and universal joint, demonstrating a typical application for reaching fasteners in confined or awkward spaces.

3.3. Quick Spinner (BE3-Q)

The quick spinner is a dedicated tool for rapid turning of fasteners under light load, significantly speeding up assembly and disassembly tasks.

- **Connection:** Use the quick spinner in combination with a ratchet handle or extension bar for enhanced effectiveness. Connect the square drive fully.
- **Grip Design:** The grip features a tactile shape and grooves that indicate a 90° rotation angle, making it easy to understand the rotation. The surface also has angle markings every 30°. The grip is lightweight and made of resin.
- **Warning:** Do not connect and use more than two quick spinners or extension bars in series with the quick spinner.



• BR3E(別売)使用イメージ

A close-up view demonstrating the KTC BE3-Q Quick Spinner in use, with the BJ3 Universal Joint connected, illustrating how the quick spinner facilitates rapid turning of fasteners.

4. GENERAL OPERATION GUIDELINES

- Always select the correct size socket for the fastener to prevent rounding or damage.
- Ensure all connections between tools (ratchet, extension, joint, socket) are secure before applying torque.
- Avoid using excessive force that could damage the tool or fastener.
- Wear appropriate personal protective equipment, such as safety glasses, when using hand tools.
- Keep tools clean and free from grease or oil to maintain a secure grip.

5. MAINTENANCE

Regular maintenance will prolong the life of your KTC tools:

- **Cleaning:** After each use, wipe down tools with a clean cloth to remove dirt, grease, and debris.
- **Lubrication:** Periodically apply a light coat of machine oil to moving parts, such as the universal joint, to ensure smooth operation and prevent corrosion.
- **Storage:** Store tools in a dry environment to prevent rust. Keep them organized in a toolbox or tray to prevent damage and loss.
- **Inspection:** Before each use, inspect tools for any signs of wear, cracks, or damage. Do not use

damaged tools; replace them if necessary.

6. TROUBLESHOOTING

Most issues with hand tools can be resolved by following proper usage guidelines:

- **Tool Slipping:** Ensure the socket is correctly seated on the fastener and that the square drive connections are fully engaged. Avoid using worn-out sockets or fasteners.
- **Difficulty Turning:** If a fastener is stuck, apply penetrating oil and allow it to soak. Ensure you are using the correct tool for the required torque. Do not over-extend tools beyond their intended use.
- **Damage to Tools:** Damage often occurs from using tools improperly, such as applying excessive force, using them as pry bars, or connecting too many extensions. Always use tools for their intended purpose.

7. SPECIFICATIONS

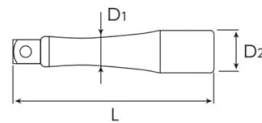
Detailed dimensions and weights for the components are provided below. All dimensions are in millimeters (mm) and weights are in grams (g).

EXTENSION BAR

No.	D ₁	D ₂	L	▼g	📦	小売参考価格
BE3-050	13	17	50	50	5	¥ 1,150
BE3-075	12	17	75	75	5	¥ 1,220
BE3-150	12	17	150	140	5	¥ 1,400



- 注意
- ・2本以上接続して使用しないでください。
 - ・角ドライブは、根元まで完全に差し込んでください。

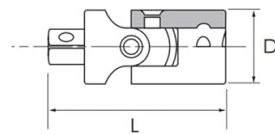
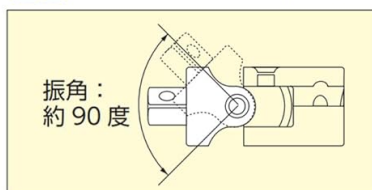


UNIVERSAL JOINT

No.	D	L	▼g	📦	小売参考価格
BJ3	18	45	50	5	¥ 2,690



- 注意
- ・ジョイント部は衝撃やこじれに弱いので、力を入れ過ぎに注意してください。
 - ・角ドライブは、根元まで完全に差し込んでください。



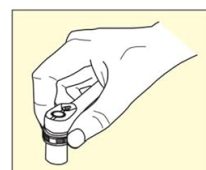
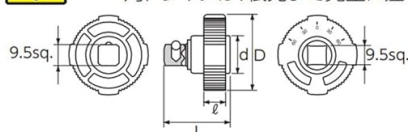
QUICK SPINNER®

No.	D	d	L	ℓ	▼g	📦	小売参考価格
BE3-Q	36	17	31	10	40	10	¥ 1,640

- ラチェットハンドルやエクステンションバーと組み合わせて使用すると、より効果を発揮する早回し専用駆動工具です。(軽負荷時)
- グリップは回転角がわかりやすいよう手触りで90°毎の回転角がわかる形状と溝による表示、また表面に30°毎の角度表示を設けました。
- グリップは樹脂で軽量です。



- 注意
- ・2本以上接続して使用しないでください。
 - ・角ドライブは、根元まで完全に差し込んでください。



※ クイックスピナーは京都機械工具株式会社の登録商標です。

A detailed technical diagram providing specific dimensions for the KTC BE3-050, BE3-075, BE3-150 extension bars, BJ3 universal joint, and BE3-Q quick spinner. It also includes important usage warnings

regarding connecting multiple extension bars and fully inserting square drives.

7.1. Extension Bar Specifications

Model No.	D1 (mm)	D2 (mm)	L (mm)	Weight (g)
BE3-050	13	17	50	50
BE3-075	12	17	75	75
BE3-150	12	17	150	140

7.2. Universal Joint (BJ3) Specifications

Model No.	D (mm)	L (mm)	Weight (g)
BJ3	18	45	50

7.3. Quick Spinner (BE3-Q) Specifications

Model No.	D (mm)	d (mm)	L (mm)	ℓ (mm)	Weight (g)
BE3-Q	36	17	31	10	40

General Product Specifications:

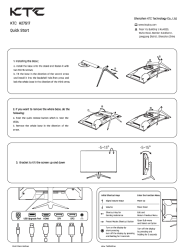
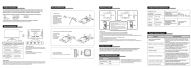
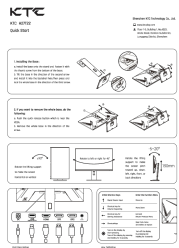


- **Package Dimensions:** 7.09 x 3.54 x 1.18 inches
- **Package Weight:** 13.4 ounces
- **Manufacturer:** KTC
- **ASIN:** B084QB4S41

8. WARRANTY AND SUPPORT

Specific warranty information for the KTC BE3-5P 9.5sq. Joint Luxury 5 Piece Set is not provided in the product details. For warranty claims, technical support, or inquiries regarding your KTC tools, please refer to the official KTC website or contact your authorized KTC dealer or retailer where the product was purchased.

Related Documents - BE3-5P

	KTC KTC	DIY
---	----------------------------	-----

	<p>KTC H27S17 Quick Start Guide - Monitor Setup and Usage</p> <p>Concise guide for setting up and using the KTC H27S17 monitor. Learn how to install and remove the base, tilt the screen, identify ports, and understand button functions.</p>
	<p>KTC H32S17C LCD Monitor User Guide - Safety and Information</p> <p>Comprehensive user guide for the KTC H32S17C LCD Monitor, detailing important safety precautions, product care, environmental disposal, and contact information.</p>
	<p>KTC H27T22 Monitor Quick Start Guide: Installation and Features</p> <p>Concise guide to installing and using the KTC H27T22 monitor, covering base installation, screen adjustments, port descriptions, and shortcut keys.</p>
	<p>KTC M27T6 Mini-LED Monitor User Guide</p> <p>Comprehensive user guide for the KTC M27T6 Mini-LED Monitor, covering product introduction, installation, technical specifications, and troubleshooting.</p>
	<p>KTC G27P6 27-calowy Monitor OLED - Instrukcja Użytkownika i Specyfikacje Techniczne</p> <p>Kompleksowa instrukcja obsługi i specyfikacje techniczne dla 27-calowego monitora OLED KTC G27P6. Zawiera informacje o instalacji, funkcjach, rozwiązywaniu problemów i środkach bezpieczeństwa.</p>