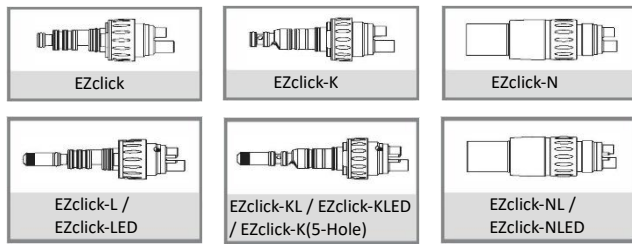


## 1. Product Description



**Indications for Use:** The EZclick series coupling attach the handpiece to the dental unit tubing to deliver water and air to the handpiece.

**Use environment/Intended user:** This device is to be connected to dental high speed handpiece and operated by qualified professional (dentist) in the clinic.

**Patient population:** Any patient (except babies). The user's discretion is required prior use.

**Indications:** N/A

**Contraindications:** N/A

The clinical benefits of our coupling enable to transform the air supplied by a dental unit to drive the high speed handpiece.

## 2. Specifications

### EZclick & EZclick-K & EZclick-N coupling

Standard 4-hole connection and anti-suction valve.

### EZclick-K (5 Hole) coupling

Standard 5-hole connection, anti-suction valve, and optical rod.

### EZclick-L & EZclick-KL & EZclick-NL coupling

Standard 4-hole connection, anti-suction valve, two electrical contacts and Xenon Bulb.

Xenon Bulb ideal voltage range: 3.4~3.6 Vd.c. (for Ezclick-L & EZclick-KL)

Xenon Bulb recommended voltage: 3.5 Vd.c. (for EZclick-L & EZclick-KL)

Xenon Bulb ideal voltage range: 3.0-3.5 Vd.c. (for EZclick-NL)

Xenon Bulb recommended voltage: 3.3 Vd.c. (for EZclick-NL)

### EZclick-LED & EZclick-KLED & EZclick-NLED coupling

Standard 4-hole connection, anti-suction valve, two electrical contacts and LED Bulb

LED Bulb ideal voltage range: 3.0-3.4 Vd.c. (for EZclick-LED & EZclick-KLED)

LED Bulb recommended voltage: 3.2 Vd.c. (for EZclick-LED & EZclick-KLED)

LED Bulb ideal voltage range: 3.0-3.4 Vd.c. (for EZclick-NLED)

LED Bulb recommended voltage: 3.2 Vd.c. (for EZclick-NLED)

### Table of EZclick couplings and suitable handpieces

Handpiece	EZclick couplings
KAVO® LUX handpiece	EZclick-KL/EZclick-KLED/ EZclick-K(5-Hole)
KAVO® handpiece	EZclick-K
TTBIO LUX handpiece	EZclick-L/ EZclick-LED
TTBIO handpiece	EZclick
NSK Mach® LUX handpiece	EZclick-NL/ EZclick-NLED
NSK Mach® handpiece	EZclick-N

## 3. Safety Notes

- Once EZclick couplings are damaged (i.e. deformed cause by hit) or improperly used (i.e. sterilized above suggested temperature), be sure not to continue using them.
- Before operation, always make sure the product and its accessories meet the specified requirements.
- It is the duty of the user to use only faultless tools, for the correct purpose, and protect patients and third parties from all dangers.
- Please do not look directly into the lighting bulb, or it may hurt eyes when you use the EZclick coupling with light.

## 4. Installation

### Connection to the hose

- > Attach the EZclick couplings to the hose.
- > Use fixed tool to fix the EZclick couplings
- > Rotate the thread ferrule of the hose in a clockwise direction.
- > Spray oil onto the O-rings. (for EZclick & EZclick-K series)

### Removal from the hose

- > Use fixed tool to remove the EZclick couplings
- > Rotate the thread ferrule of the hose in an anti-clockwise direction.



> Separate the EZclick couplings from the hose

### Connect the handpiece

Connect the handpiece exactly onto the EZclick coupling until it clicks audibly.



### Removal from the handpiece (for EZclick-N series)

Pull back the EZclick coupling ring and remove from the handpiece.



### Fixed Tool

#### 1. EZclick-K series



#### 2. EZclick series

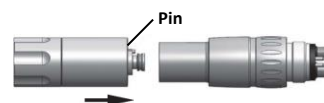


- Do not activate the coupling system during installation.
- Please choose the correct connected interface of the fixed tool according to the different types.

### 3. EZclick-N series

#### (1) Connection to the coupling

Connect the fixed tool to the coupling. Ensure that the pin of the fixed tool is firmly inserted to the coupling hole until you hear the "Click" sound.



#### (2) Approach in the use of the coupling

> as a coupling wrench



> as a protection-against-dust tool



> as a bulb replacement wrench



## 5. Trouble Shooting

### Replacing the bulb (for EZclick, EZclick-K series)

Unscrew the cap by turning it anti-clockwise.

Pull a bulb out of the coupling and insert a new one.

Screw the cap by turning it clockwise.



### Replacing the bulb (for EZclick-N series)

Refer to Fixed Tool section.



- Note the position of two contact lugs in the couplings.
- Do not touch the bulb immediately after operation.
- The LED bulb must be inserted into the polar position in the correct orientation.
- Inserted in the incorrect orientation may result in failure of lighting. If so, please rotate it 180° and re-insert the LED bulb.

### Replacing the O-ring (for EZclick, EZclick-K series)

Press the sides of a defective O-ring between two fingers until a loop is formed and then slide the O-ring out of couplings and remove it.

Insert these new O-rings in the grooves and spray them with lubrication oil.



When sliding the O-ring, do not use any tools, such as tweezers, etc.

## 6. Cleaning, Disinfection and Sterilization

### Cleaning exterior

The outside surface of the EZclick couplings can be cleaned with an alcohol solution.



Cleaning the EZclick couplings in an ultrasonic cleaner may result in malfunction.

### Disinfection

The outside surface of the EZclick couplings can be disinfected with chemical disinfectants. Do not immerse EZclick couplings in disinfectants.

### Sterilization




The EZclick couplings can be sterilized at 135°C.

## 7. Disposal

Follow your local and national laws, directives, standards and guidelines for disposal.

- Medical device
- Packaging

 Dispose it according to the user manual provided by the original manufacturer to eliminate the biohazard and physical hazards.

8. Disclaimer

- 1. Information in this operation manual was carefully reviewed. We cannot assume any liability for damage arising from improper use of the hand piece or from use of this manual
- 2. Products are subject to change without notice.
- 3. This product is only for dental hand piece treatment and use for other purpose may damage the handpiece and cause severe consequence.
- 4. Please use the product correctly according to the instruction.

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





9. Reporting

Any serious incident and adverse event (e.g. bur detached accidentally and poor clamping) caused by device deficiency must be reported to the manufacturer, the authorized representative and the local competent authorities.

10. Quality and Service

- 1. All of our products have passed strict QC procedures before delivery.
- 2. Please note that improper use or not using the recommended parts and accessories or modifying our products without our approval may shorten the lifetime of the product or cause damage.
- 3. Please contact us or dealers with proof of purchase for consultation whenever you have any questions.
- 4. eIFU use the ref on <https://www.ttbio.com/download.php>.

11. Symbol

	Manufacturer		Date of manufacture
	CE mark (European Conformity)		Serial number
	Authorized representative in the European Community		Sterilizable up to the temperature specified
	Data Matrix Code for product information including UDI (Unique Device Identification)		Caution
	Instructions for use		

Dealer



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