

FTC-03 Series Tube Cutter Instructions

■ Scope

The FTC-03 Series Tube Cutter is designed for cutting stainless steel, copper, or aluminum alloy tubing with an outer diameter (OD) of 1/8" to 1" and 3 mm to 25 mm.

■ Standard Construction

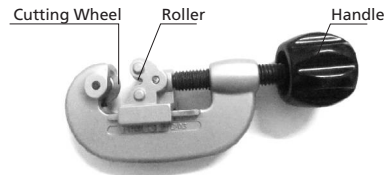


Fig. 1

■ Operating Instructions

1. Measure the desired tubing length and make the cutting position.
2. Position the tubing between the cutting wheel and the two rollers.

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3. Rotate the handle clockwise until the cutting wheel contacts the tubing and align the cutting wheel with the marked position (Fig. 2).
4. Advance the handle by about 1/8 turn and rotate the cutter around the tubing twice (or once for softer materials). Repeat this process until the tubing is cut through.

- ① If holding the tubing with your left hand and pushing the tube cutter with your right hand, the right hand shall rotate the tube cutter downward around the tubing (Fig. 3).
- ② If holding the tubing with your right hand and pushing the tube cutter with your left hand, the left hand shall rotate the tube cutter upward around the tubing.

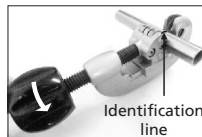


Fig. 2



Fig. 3

■ Cautions

1. Replace a dull cutting wheel promptly, as a dull wheel may cause tube end expansion and work hardening.
Wheel replacement: Remove the pin, replace the cutting wheel (part no.: FTC-03-RR), and retighten the pin.

2. Remove all burrs from the tubing ID and OD. Failure to do so may affect the fitting's sealing capability and system cleanliness.
Recommended tool: FITOK Tube Deburring Tool (Part No.: TDT-03 / TDT-05).

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