

# Swagelok®

## Tube Cutter



(Part No. MS-TC-308)



**The Swagelok Tube Cutter** is designed to cut tubing materials from 3/16 to 1 in. (6 to 25 mm) OD.

### **Operating instructions**

1. Position tubing between rollers and cutting wheel.
2. Turn handle until wheel touches tubing.
3. Advance handle an additional 1/16 turn. (The handle knobs are spaced in 1/8-turn increments. Use them as reference points.)
4. Rotate cutter around tube. After every second rotation, advance handle 1/16 turn.

*(continued...)*

(For softer materials, advance handle after EACH rotation.)

5. Continue until tubing is cut through.

### **Deburring**

Remove all burrs from the tubing ID and OD. Failure to do so may affect the fitting's sealing capability and system cleanliness.

### **Replacement Wheels**

Always use a sharp wheel, since this is the best way to minimize burring. Using a dull wheel will also expand and work harden the tube end.

**Note:** Occasionally lubricate working threads.

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Each cutter is shipped with a spare wheel. Extra wheels are available in packs of five (part no. MS-TCW-308) from your Swagelok representative.

Replace wheel when cutting becomes difficult or end of tube begins to expand.

To replace wheel:

1. Open slide at least half-way by turning handle counter-clockwise.
2. Remove pin holding wheel in place.
3. Take out old wheel and replace with new one.
4. Replace pin.

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