

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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