



## Quick Release™ Tubing Cutter for Plastic Pipe or Tubing

Applies to: 04170, 04171

TC8QP and TC8QPL\*

CAPACITY O.D.: 6 1/4" - 10" (159 - 254 mm)

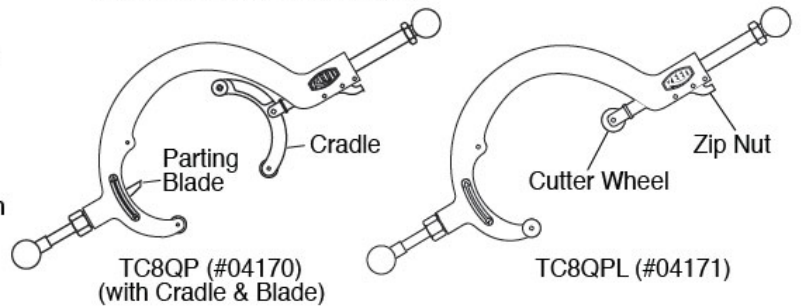
This is a dual purpose cutter designed to cut ABS and HDPE/PE up to 0.75 inch wall thickness with a cutter wheel (no cradle), and to cut ABS, PP, thick PVC and HDPE/PE with wall thickness over 0.69 inch with a parting tool blade and cradle.

### OPERATING INSTRUCTIONS for Cutting PE and ABS Pipe up to 0.75" Wall Thickness with Cutter Wheel

1. Make sure cutter wheel is installed. Fully retract parting tool blade (with red knob).
2. Open the cutter by pressing the zip nut and pulling back on the black knob. Place the cutter around the section of pipe or tubing to be cut. Bring the rollers up against the piece to be cut.
3. Line up the cutter wheel with the cutoff mark. Push in on the black knob to bring the wheel up against pipe or tubing.

4. Turn the handle clockwise to engage the nut and penetrate the pipe or tubing approximately 1/64" (1/4 - 1/2 turn).
5. Rock the cutter back and forth a couple of inches. Go one full rotation forward to insure tracking and then reverse rotation. In cutting pipe and tubing, rotate the cutter in the direction of the arrow on the casting.

\* **TC8QP** comes with a CRADLE and PARTING BLADE for cutting thick PVC or thick HDPE/PE. To cut ABS or HDPE/PE up to 0.75 inch wall, the parting blade must be retracted so that it does not touch the pipe. Then, the cradle must be removed. Install the 80P cutter wheel (included) into the same hole used for the cradle.  
**TC8QPL** does not have a cradle or parting blade. It uses the 80P cutter wheel for ABS and HDPE/PE pipe.



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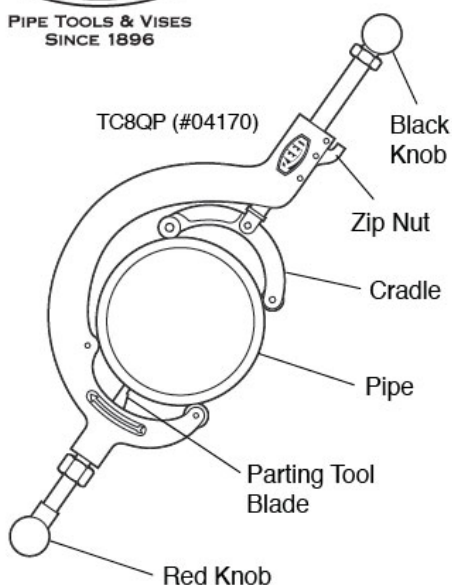
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PIPE TOOLS & VISES  
SINCE 1896

## Quick Release™ Tubing Cutter for Plastic Pipe or Tubing

TC8QP only



**TC8QP CUTTER OPERATING INSTRUCTIONS using Parting Tool Blade (not Cutter Wheel) to cut PVC and PE pipe with a wall thickness greater than 0.69 inch (17.5 mm).**

1. **Requires use of cradle.** If not already done, remove the cutter wheel and install the cradle with the wheel pin so that the single roller will slide inside the body casting.
2. Install parting tool blade (if not already in place) by removing the nut on the screw with the red knob. Make sure blade tip is facing the same direction the arrow is pointing on the casting.
3. Open the cutter by pressing the zip nut and pulling back on the black knob. Place the cutter around the section of pipe to be cut.
4. Line up the parting tool with the cutoff mark. Push in the cradle and tighten firmly with the black knob. Make sure all rollers are touching the pipe. Rock back and forth a couple of inches while tightening the black knob.
5. Feed the parting tool with the red knob only. Feed the parting tool until it touches the pipe and rotate the cutter in the direction of the arrow. Advance the parting tool  $\frac{1}{4}$  to  $\frac{1}{2}$  a turn of the red knob per revolution. A  $\frac{1}{32}$ " chip is ideal for PE and about  $\frac{1}{64}$ " for PVC.
6. If chips are not ejecting cleanly from the cut or are tending to bind up, the blade needs attention. Either stone the blade with a whetstone or cool it with water.

### **CAUTION:**

- Do not use cutter wheel and parting tool blade at the same time.
- Using the 80P cutter wheel on PVC and other rigid plastics will prematurely damage the wheel and is not recommended. Under no circumstances is this cutter to be used on any metal pipes.
- To cut Sch. 40 PVC, CPVC, Standard and Heavy Wall or PP, from 6  $\frac{1}{4}$  - 10" O.D., purchase and install 680PVC cutter wheel.

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