

**For Residential and Commercial Applications**

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

# Model WPCCT-6

## Ratcheting CinchClamp™ Tool

**Sizes:** 1/2", 5/8", 3/4", 1" (15, 18, 20, 25mm)

Watts Ratcheting CinchClamp™ Tool is designed to be used with WaterPEX tubing and CinchClamp™ connections.

### Specifications

Connections shall use Watts brass and poly-alloy crimp fittings and WaterPEX® cross-linked polyethylene pipe.

### Installation

All CinchClamps must be installed using a Watts CinchClamp Tool and in accordance with all installation guidelines.

- Make sure the WaterPEX has a clean, square cut end.
- Slide the CinchClamp over the WaterPEX.
- Insert fitting and position CinchClamp, allowing for approximately 1/8" clearance between clamp and fitting.
- Position the open jaws of the CinchClamp™ Tool over the tabs of the CinchClamp and squeeze. Allow the tool to ratchet to the next position. **Repeat until the white indicator is completely visible in the view hole (approximately seven times).**
- To release the CinchClamp Tool rotate the release lever on the side. **It is very important to complete the cinch process before releasing the tool.**

**If connections are made in temperatures below 30°F, caution must be taken to pause between ratchets, allowing the WaterPEX to form a proper seal against the barb.**

**Do not use the Ratcheting CinchClamp Tool to remove CinchClamps. This will cause damage to the tool, resulting in improper connections.**



**Ratcheting CinchClamp™ Tool with work pouch and calibration gauge. Calibration gauge is located in side pouch.**

### Standards



- Watts CinchClamps are manufactured in accordance with the American Society for Testing and Materials (ASTM) F-2098.
- Watts fittings are manufactured in accordance with the American Society for Testing and Materials (ASTM) F-1807, F-2159, and F-2434.

MODEL	DESCRIPTION
WPCCT-6	Ratcheting CinchClamp™ Tool

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

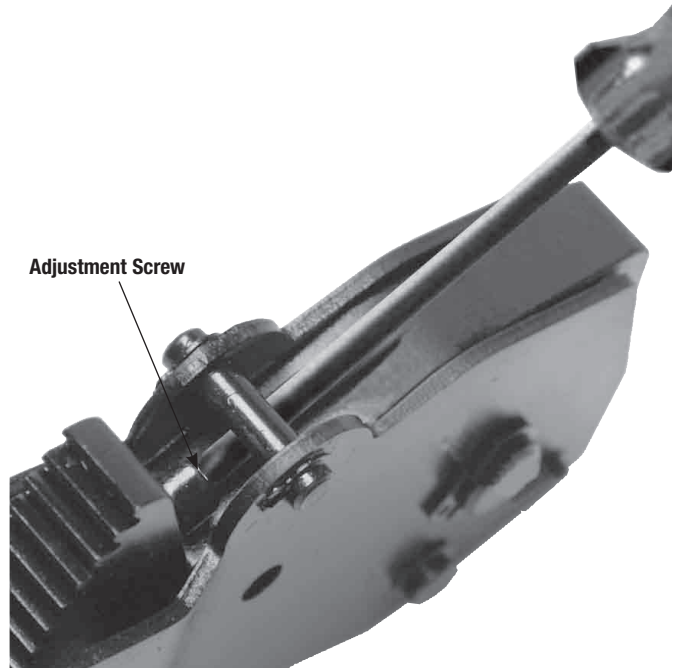
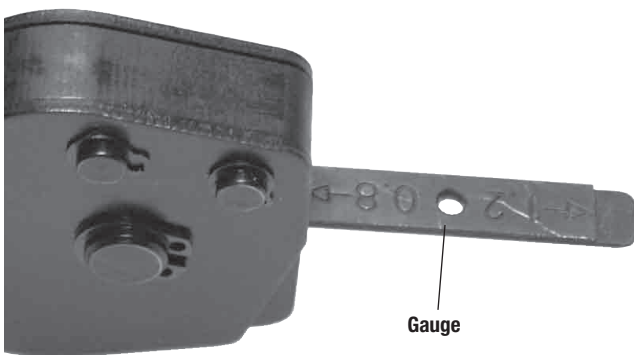


## Calibration

**Do not use the Ratcheting CinchClamp™ Tool if it has been damaged as this may result in an improper cinch.**

**After repeated use of the CinchClamp Tool, it may require calibration. A calibration gauge is provided in the tool pouch. Follow these steps when calibrating a Watts Ratcheting CinchClamp Tool.**

1. Ratchet the Ratcheting CinchClamp Tool to the closed position and hold. Use the calibration tool to gauge the jaw gap. Ideally, the jaw gap should be between 1.5mm and 1.7mm. If the 1.7 mm side of the gauge slides into the gap, then the jaw space is too large. If the 1.5 mm side of the gauge can not slide into the gap, then the jaw space is too narrow.
2. To adjust the jaw gap, turn the Ratcheting CinchClamp™ Tool on its side and locate the Phillips screw positioned on the ratchet arm. Use a standard Phillips screwdriver to raise or lower the screw. Raising the screw (counter-clockwise turn) will cause the jaw gap to increase. Lowering the screw (clockwise turn) will decrease the jaw gap.



A Watts Water Technologies Company



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