



## Tool Specification

Part Number: WC-490

Terminal: SZH-003T-P0.5

Application:

| Crimp Position | Wire Size    | Tensile Strength N (kgf) | Strip Length mm |
|----------------|--------------|--------------------------|-----------------|
| 32             | 32awg UL1571 | 2.9(0.3) min.            | 2.0             |
| 30             | 30awg UL1571 | 4.9(0.5) min.            | 2.0             |
| 28             | 28awg UL1571 | 9.8(1.0) min.            | 2.0             |



- Select the appropriate crimp section based on the AWG to be used.
- The insulation barrel is set and cannot be adjusted.
- Replacement flap locator can be purchased when worn. The part number to order is WC-490/491 FLAP LOCATOR.



## WC-490 Calibration

1. Visually inspect crimp sections 32, 30 and 28 checking for abnormal wear, chips, or damage.
2. Insert a SZH-003T-P0.5 terminal into the three slots on the flap locator and verify the contact is properly held.
3. Strip a 32 UL1571 wire to 2.0mm.
4. In crimp position 32, crimp an SZH-003T-P0.5 terminal onto the 32awg wire.
5. Visually inspect the crimp for defects and large burrs.
6. Check the tensile strength and verify it meets the tensile strength requirement of 2.9N.
7. Strip a 30awg, UL1571 wire to 2.0mm.
8. In crimp position 30, crimp a SZH-003T-P0.5 terminal onto the 30awg wire.
9. Visually inspect the crimp for defects and large burrs.
10. Check the tensile strength and verify it meets the tensile strength requirement of 4.9N.
11. Strip a 28awg, UL1571 wire to 2.0mm.
12. In crimp position 28, crimp a SZH-003T-P0.5 terminal onto the 28awg wire.
13. Visually inspect the crimp for defects and large burrs.
14. Check the tensile strength and verify it meets the tensile strength requirement of 9.8N.
15. If all three sections pass the visual and tensile strength requirements the tool is within calibration requirements.