

# T1WLT / T1WFXLT <sup>New</sup> Lite Liquid-Cooled Tig Welding Torch

Ratings: 225A DC, 160A AC @ 100% duty cycle, 1.0 to 3.2mm Electrode

The Arc T1WLT is 30% lighter than a T1W, with comparable power output to the WP20 while substantially extending the lifespan of its wear parts.

## ARC T HIGH PERFORMANCE TIG TORCH PACKAGES

Arc Tig Torches are supplied with a momentary switch and Surelok™ 35-50mm Dinse-style termination as standard.

For alternate terminations, gas and water fittings, and switch options please refer to the Torch Configurators - pages 28-38.



**12.5ft**  
T1WLT-S1-4M-SL-QWF1-QWR1-QGS1  
T1WFXLT-S1-4M-SL-QWF1-QWR1-QGS1

**25ft**  
T1WLT-S1-8M-SL-QWF1-QWR1-QGS1  
T1WFXLT-S1-8M-SL-QWF1-QWR1-QGS1

## Wear Parts

### A Standard Ceramic Cups

| Part Number | Description | Nozzle | Bore Size     |
|-------------|-------------|--------|---------------|
| T1CC04      | Ceramic Cup | #4     | 6mm - 1/4"    |
| T1CC05      | Ceramic Cup | #5     | 8mm - 5/16"   |
| T1CC06      | Ceramic Cup | #6     | 10mm - 3/8"   |
| T1CC07      | Ceramic Cup | #7     | 11mm - 7/16"  |
| T1CC08      | Ceramic Cup | #8     | 12.5mm - 1/2" |
| T1CC10      | Ceramic Cup | #10    | 16mm - 5/8"   |

### B Short Ceramic Cup

| Part Number | Description       | Nozzle | Bore Size    |
|-------------|-------------------|--------|--------------|
| T1CC05S     | Short Ceramic Cup | #5     | 8mm - 5/16"  |
| T1CC07S     | Short Ceramic Cup | #7     | 11mm - 7/16" |
| T1CC10S     | Short Ceramic Cup | #10    | 15mm - 5/8"  |

### C Standard Quartz Cups

| Part Number | Description         | Nozzle | Bore Size   |
|-------------|---------------------|--------|-------------|
| T1QZ06      | Standard Quartz Cup | #6     | 10mm - 3/8" |
| T1QZ08      | Standard Quartz Cup | #8     | 12mm - 1/2" |
| T1QZ10      | Standard Quartz Cup | #10    | 15mm - 5/8" |

### D Collet Body

| Part Number | Description | Bore Size     |
|-------------|-------------|---------------|
| T1CB10      | Collet Body | 1.0mm - 0.04" |
| T1CB16      | Collet Body | 1.6mm - 1/16" |
| T1CB20      | Collet Body | 2.0mm - 5/64" |
| T1CB24      | Collet Body | 2.4mm - 3/32" |
| T1CB32      | Collet Body | 3.2mm - 1/8"  |

### E Gas Lens Collet Body

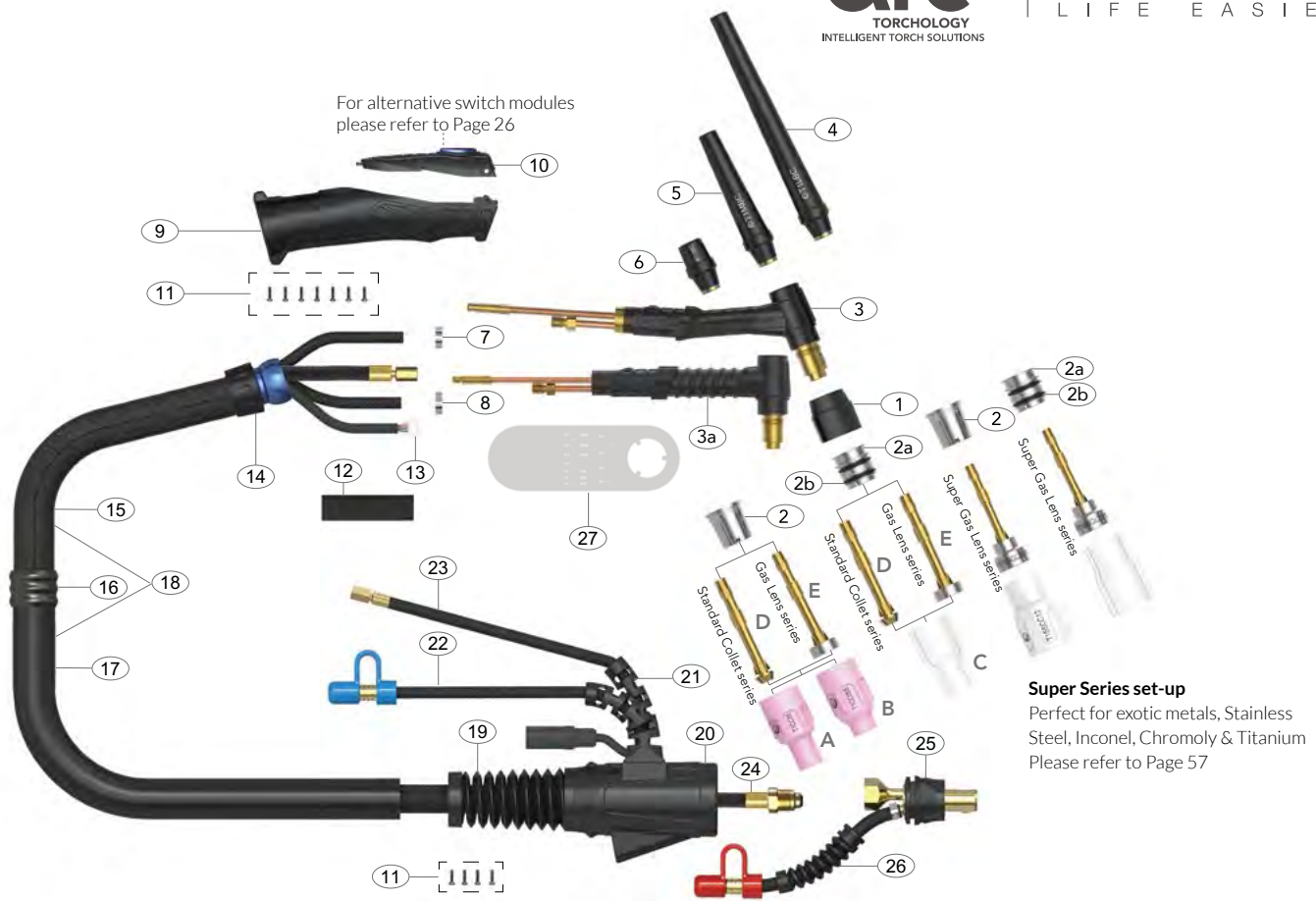
| Part Number | Description          | Bore Size     |
|-------------|----------------------|---------------|
| T1GL10      | Gas Lens Collet Body | 1.0mm - 0.04" |
| T1GL16      | Gas Lens Collet Body | 1.6mm - 1/16" |
| T1GL20      | Gas Lens Collet Body | 2.0mm - 5/64" |
| T1GL24      | Gas Lens Collet Body | 2.4mm - 3/32" |
| T1GL32      | Gas Lens Collet Body | 3.2mm - 1/8"  |

To set-up your Arc Tig Torch please add the relevant starter kit.  
Please refer to Page 50.

# HIGH PERFORMANCE SERIES



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## Spare Parts

| Part Number      | Description                           |
|------------------|---------------------------------------|
| 1 T1GS           | Head Gasket                           |
| 2 T1SN           | Heat Zone Isolator                    |
| 2a T1QZSN18      | Quartz Heat Zone Isolator             |
| 2b QZR-D18       | Special Seal Ring                     |
| 3 AT3501         | T1W Torch Body Liquid-Cooled          |
| 3a AT3501F       | T1WFX Flexible Torch Body             |
| 4 T1LBC          | Long Back Cap                         |
| 5 T1MBC          | Medium Back Cap                       |
| 6 T1SBC          | Short Back Cap                        |
| 7 15400022       | Water Hose Clamp 9.5mm                |
| 8 15400020       | Gas Hose Clamp 8.7mm                  |
| 9 ATERH100       | Arc Handle Kit                        |
| *10 ATER1MS      | Momentary Switch Kit                  |
| 11 ATPB2.6x8PB   | Screw Pack                            |
| 12 ATHS22MM-130  | Heat Shrink Tube                      |
| 13 ATERSWL4      | Trigger Lead 12.5ft                   |
| ATERSWL8         | Trigger Lead 25ft                     |
| 14 ATERKJ100     | Knuckle Joint                         |
| 15 ATERLC150-08  | Leather Cover x 0.8mt                 |
| 16 ATERJK200     | Joint Repair Kit                      |
| 17 ATERNCM-32    | Neoprene Cover Assembly x 3.2m/10.5ft |
| ATERNCM-72       | Neoprene Cover Assembly x 7.2m/23.7ft |
| 18 ATERCO150S-40 | Sheath x 12.5ft Inc Leather Cover     |
| ATERCO150S-80    | Sheath x 25ft Inc Leather Cover       |

| Part Number        | Description                              |
|--------------------|------------------------------------------|
| 19 ATSLH26-S       | Cable Support Large                      |
| 20 ATSLH26-H       | Surelok™ Housing Large                   |
| 21 ATSLH1820-S     | Surelok™ Housing Support                 |
| 22 AT45V070B-QWF#  | Water Feed Hose x 12.5ft O/B Rubber      |
| AT45V080B-QWF#     | Water Feed Hose x 25ft O/B Rubber        |
| 23 ATN45V090B-QGS# | Gas Supply Hose x 12.5ft O/B Rubber      |
| ATN45V100B-QGS#    | Gas Supply Hose x 25ft O/B Rubber        |
| 24 SLHD45V03AOB    | Power Cable x 12.5ft Surelok™ O/B Rubber |
| SLHD45V04AOB       | Power Cable x 25ft Surelok™ O/B Rubber   |
| 25 ATSL3550        | Surelok™ Body & Support                  |
| 26 ATNSLOB-1-QWR#  | Water Return Hose O/B                    |
| 27 AT-SP-S         | Spanner Small                            |

Water feed and gas supply hoses are specified by utilizing the part number and a termination suffix from the water feed and gas supply hose table on Page 24.

### Example: AT45V070B-QWF1

Water Feed Hose Rapid Fit x 12.5ft c/w 8.9mm Quick Fit

### Example: ATN45V070B-QGS4

Gas Supply Hose Rapid Fit x 12.5ft c/w 8.9mm Quick Fit